

FIG. 1

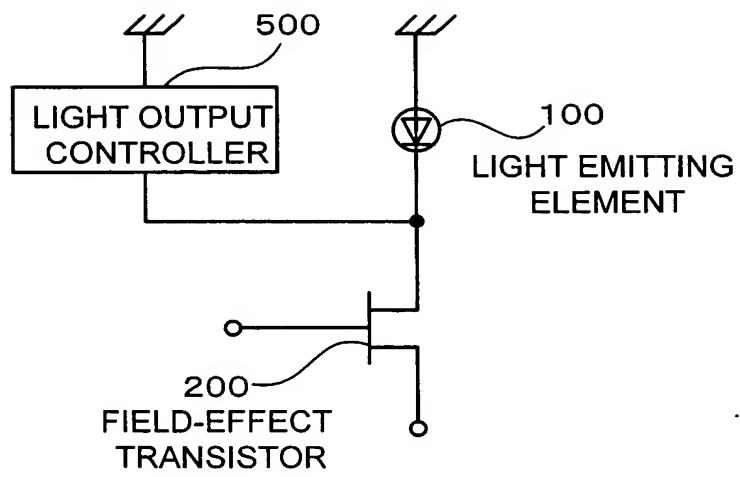


FIG.2

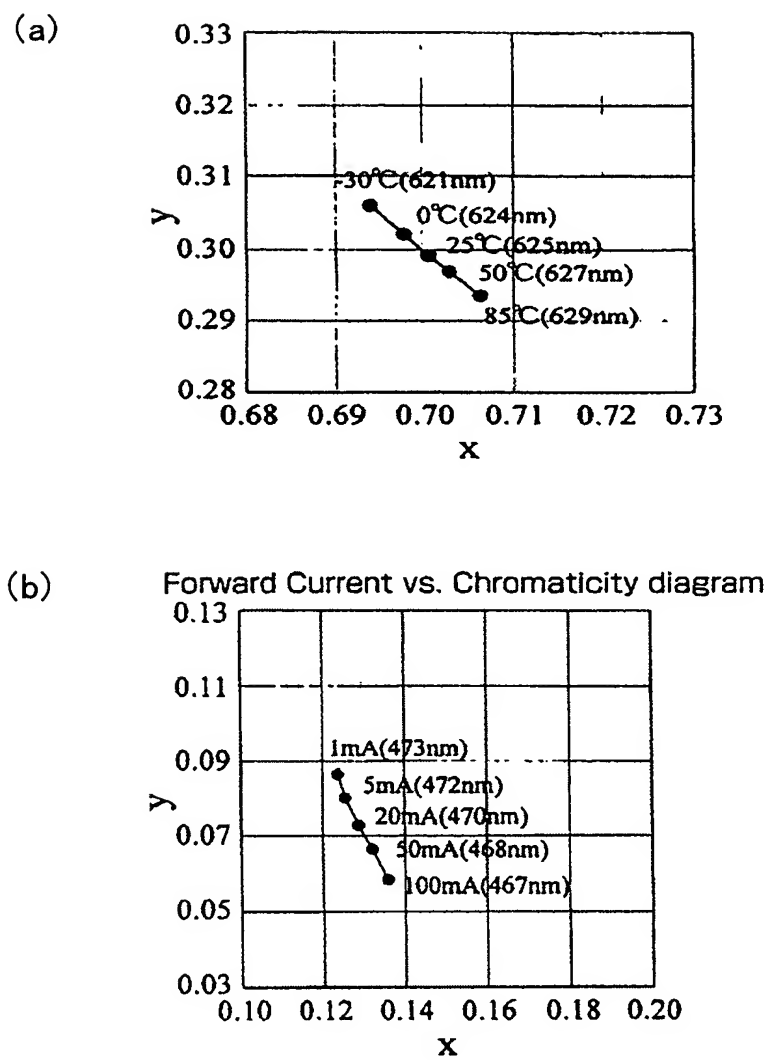


FIG.3

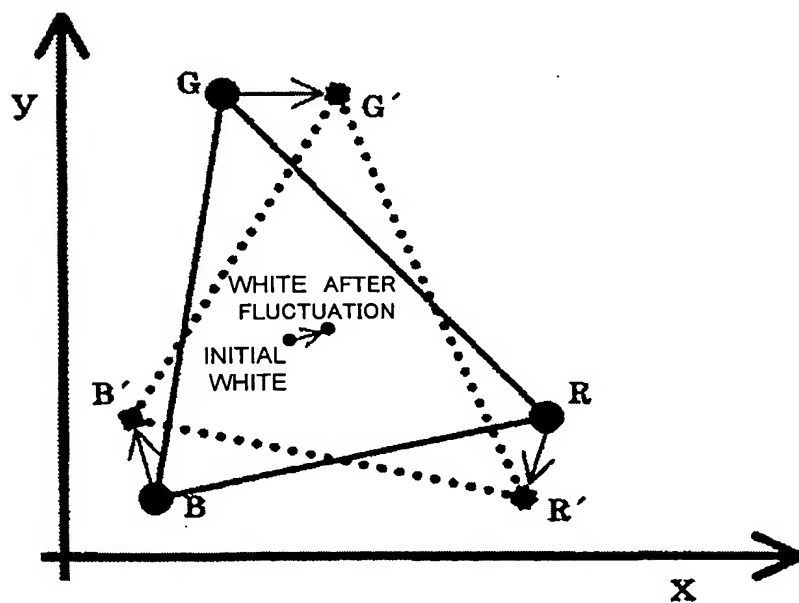


FIG.4

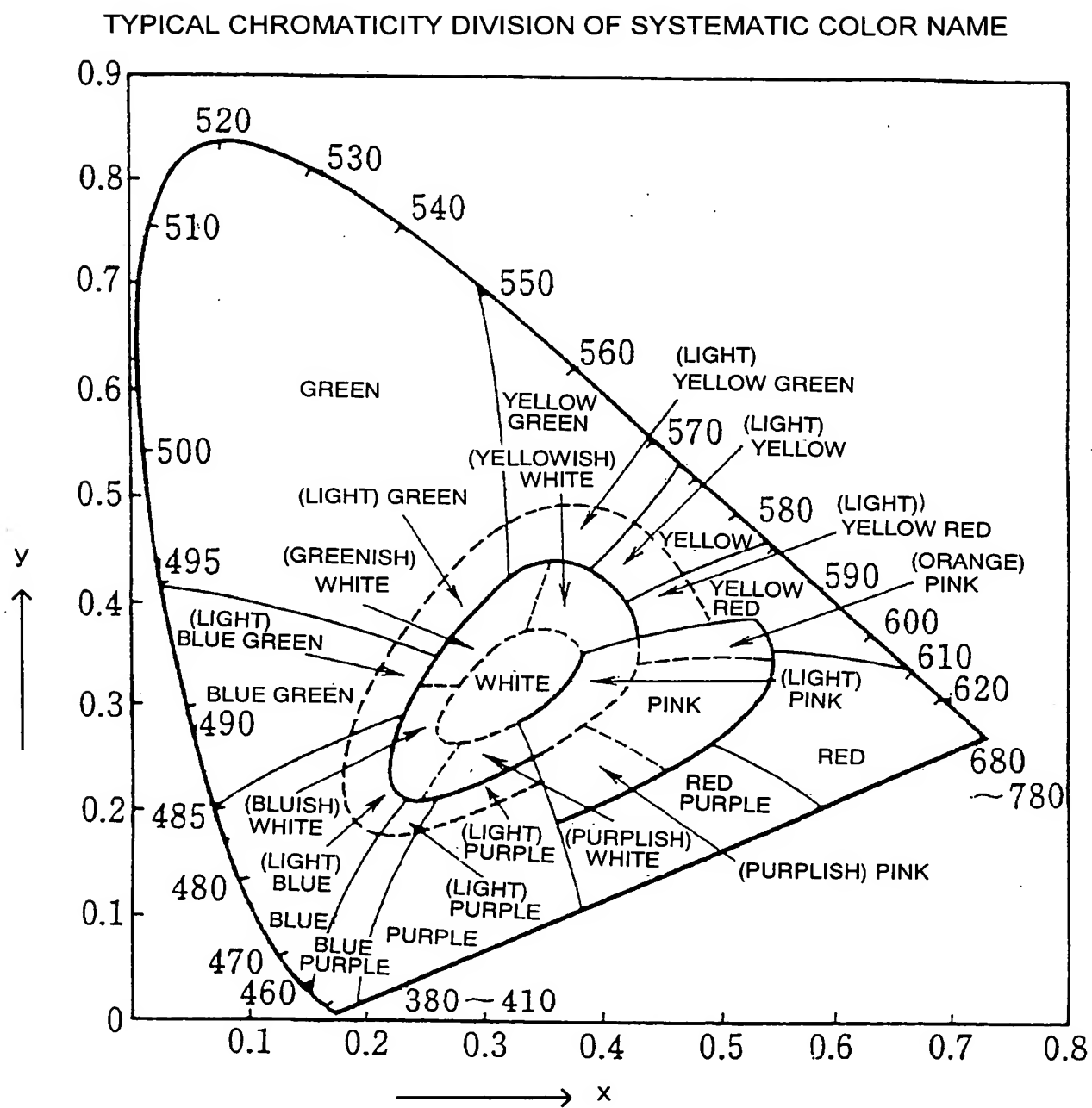


FIG. 5

RGB Backlight Ambient Temp.-If Property

White Balance: $x=0.31$, $y=0.31$

Red=10mA

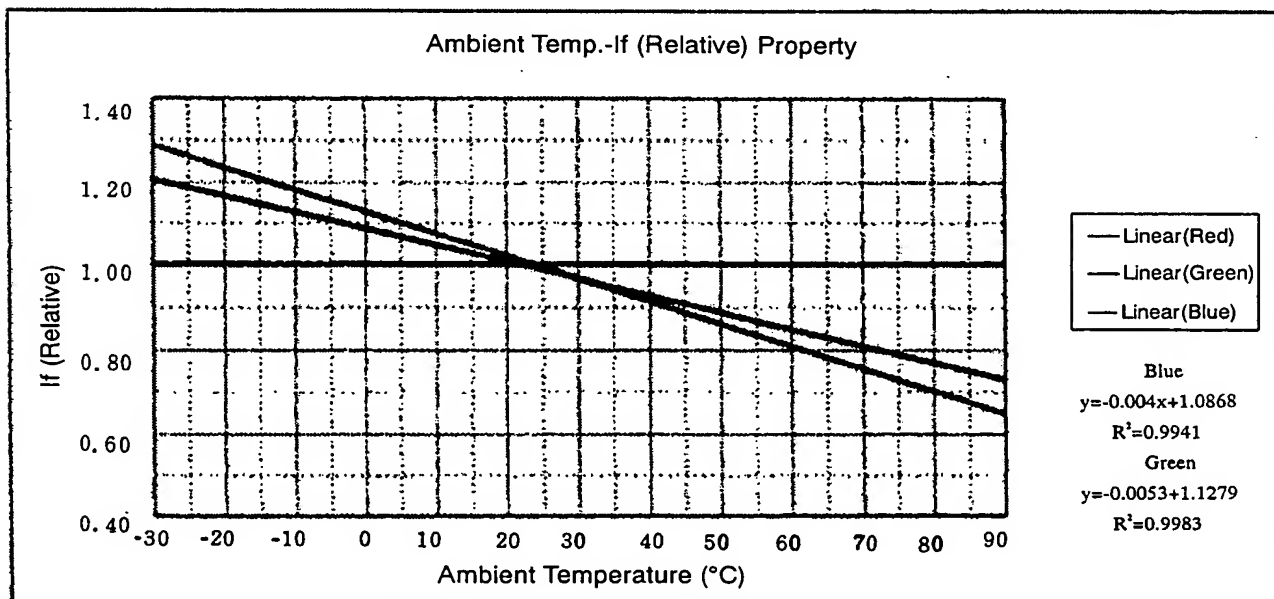
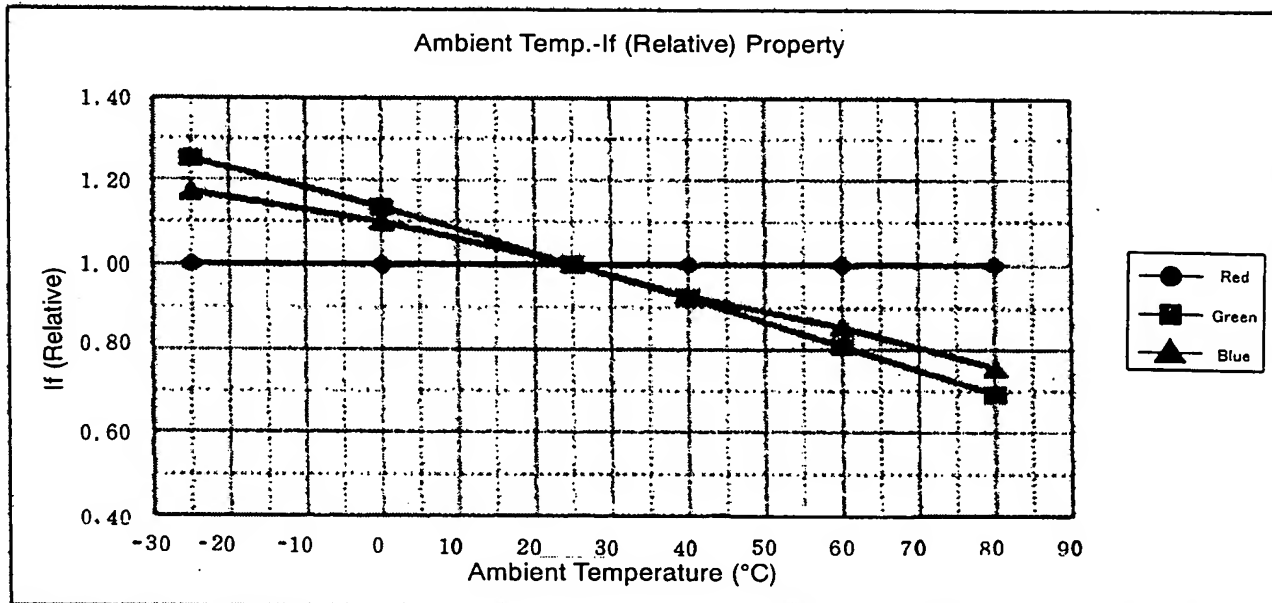


FIG. 6

RGB Backlight Ambient Temp.-If Property
White Balance: $x=0.31$, $y=0.31$

Red = 15mA

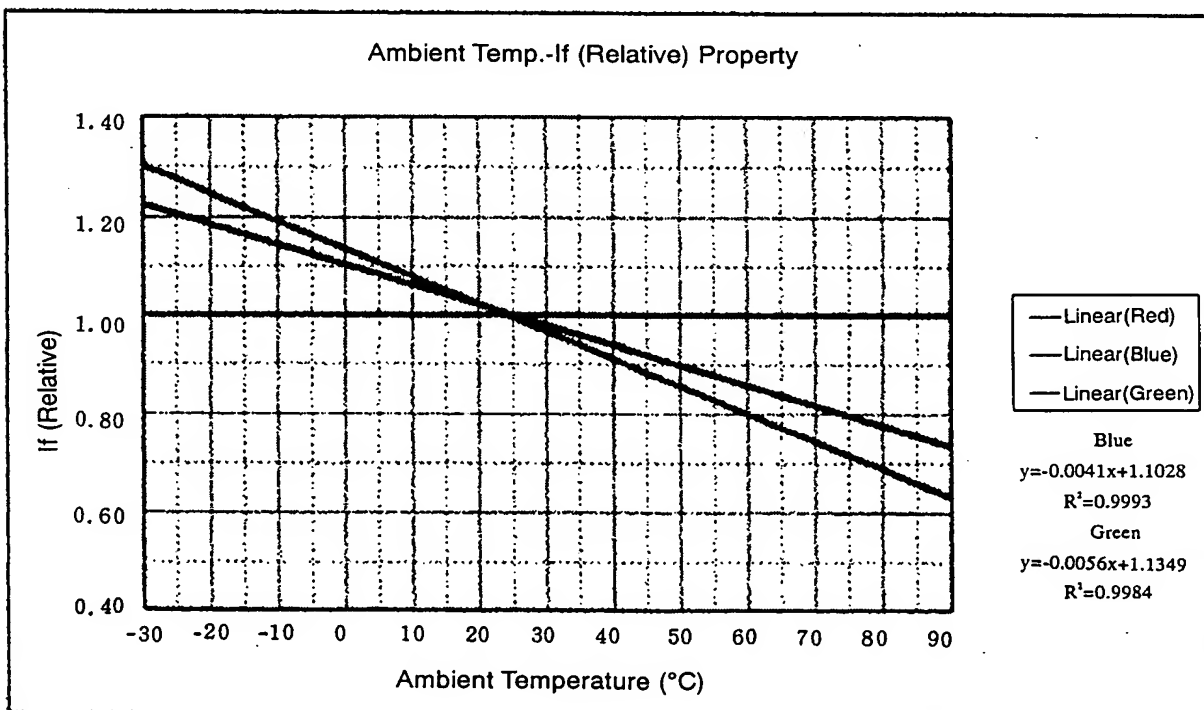
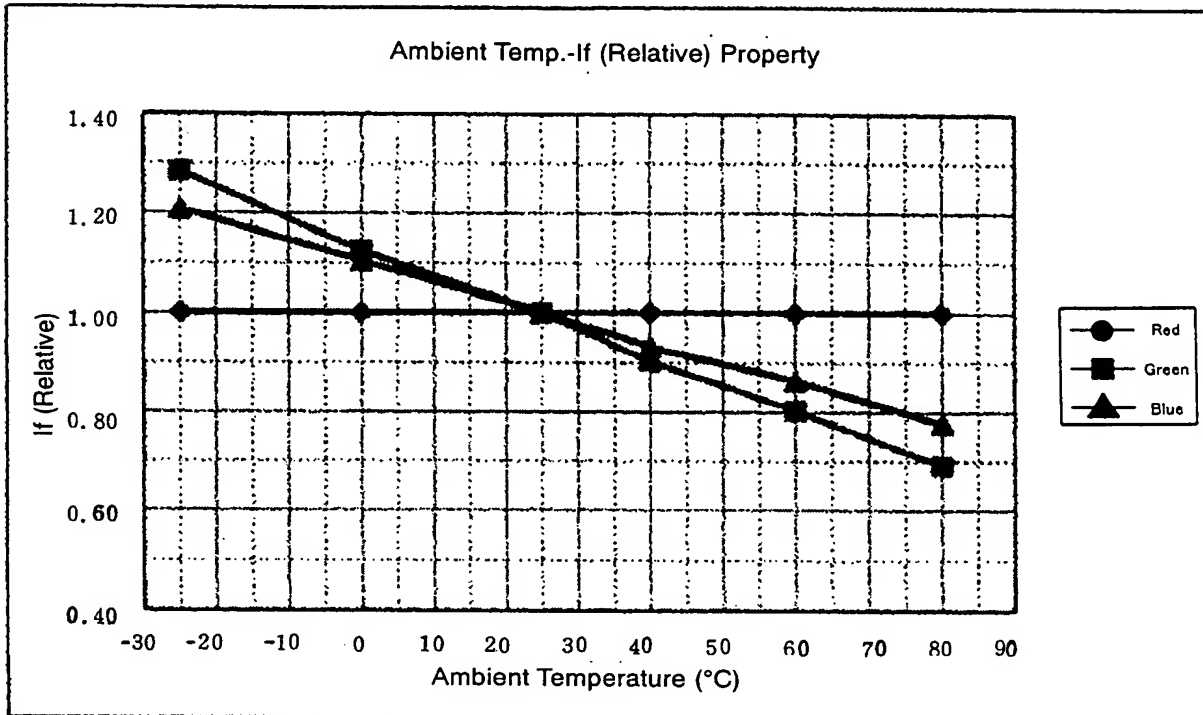


FIG. 7

RGB Backlight Ambient Temp.-If Property
White Balance: $x=0.31$, $y=0.31$

Red=20mA

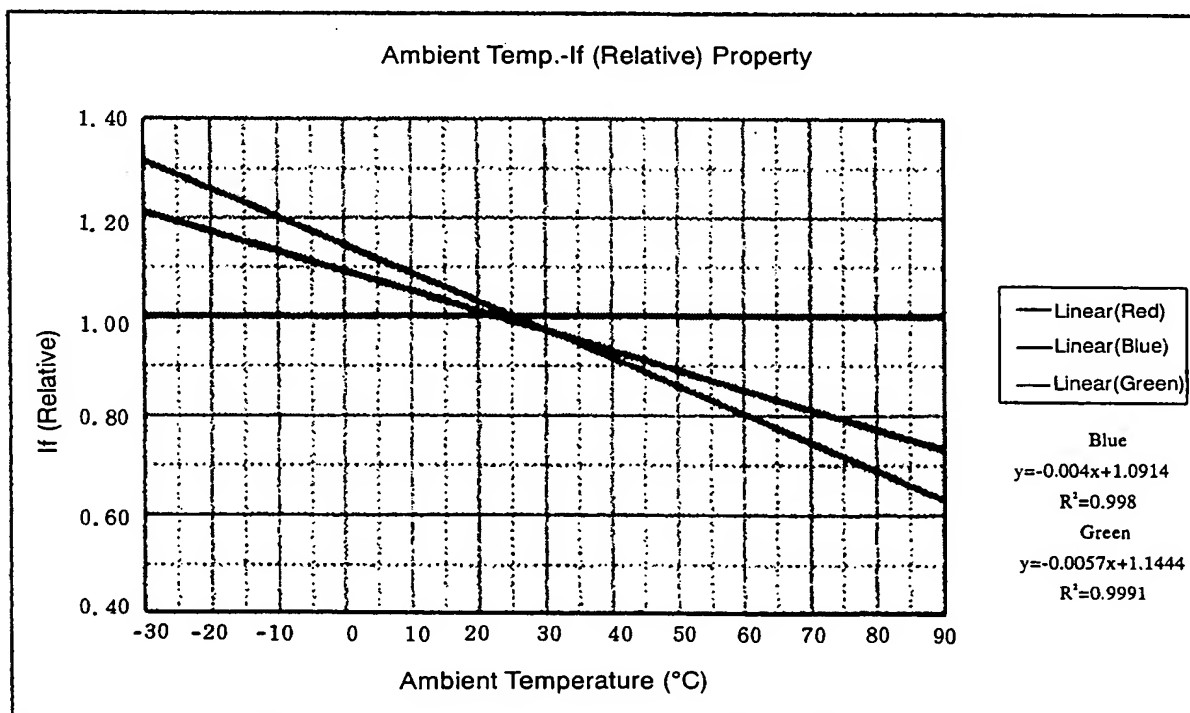
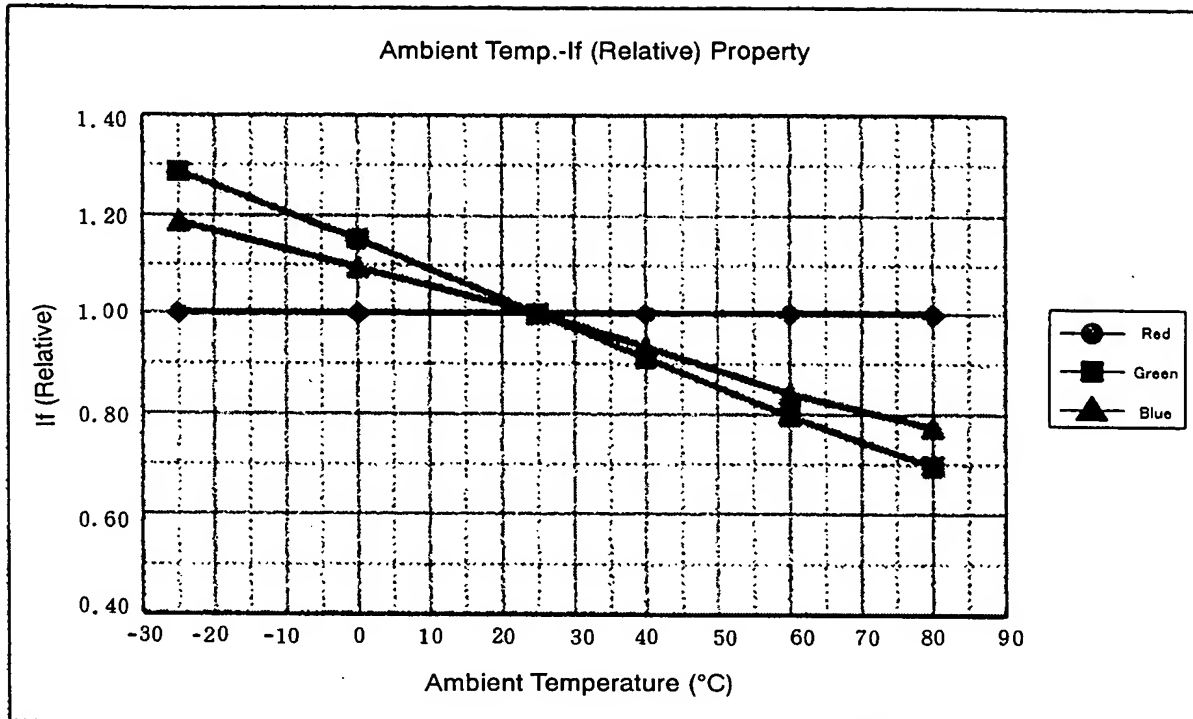


FIG. 8

RGB Backlight Ambient Temp.-If Property

White Balance: $x=0.31$, $y=0.31$

Red=2.5mA

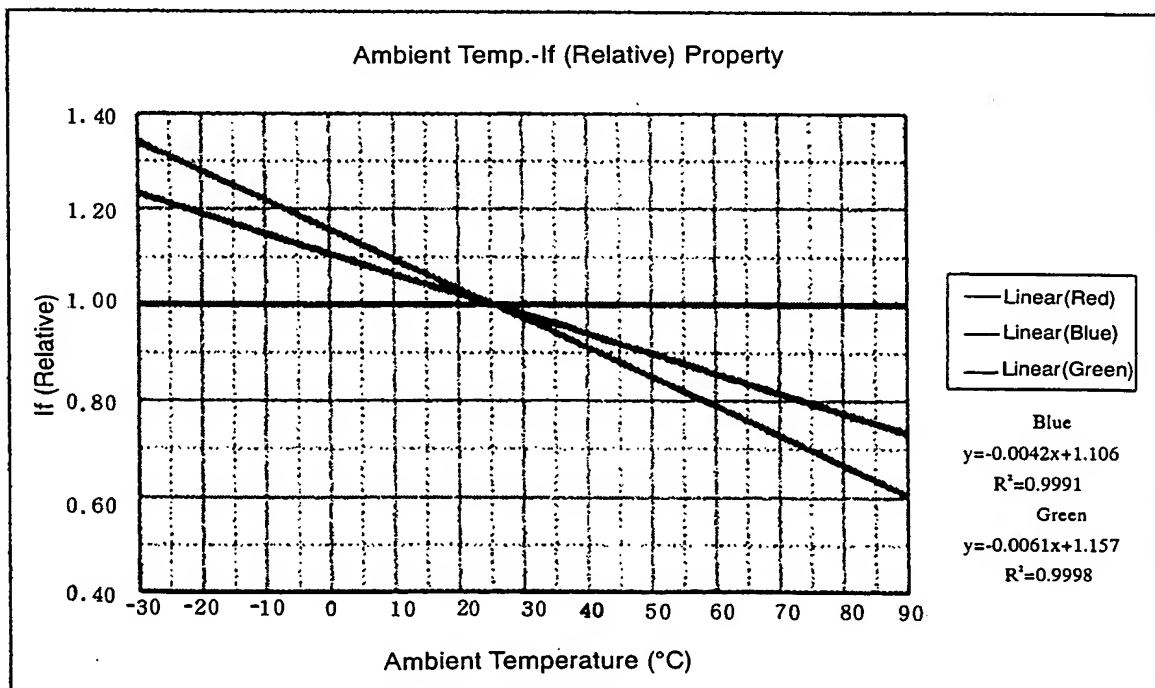
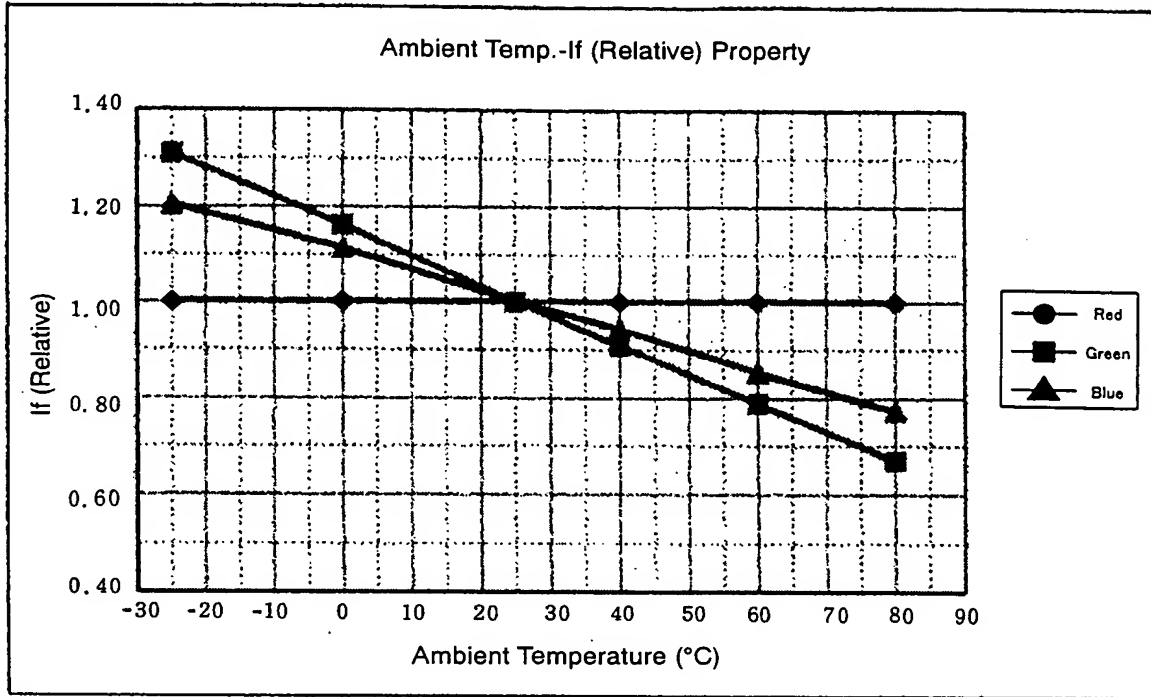
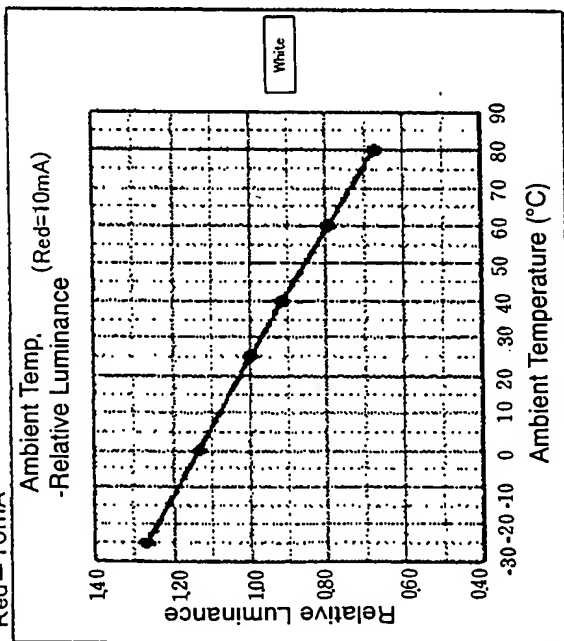


FIG. 9

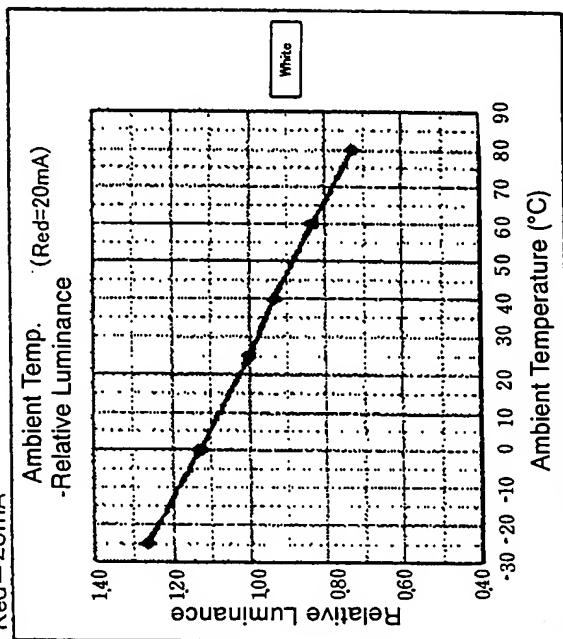
RGB Backlight Ambient Temp.-If Property
White Balance : $x=0.31, y=0.31$

Red=10mA

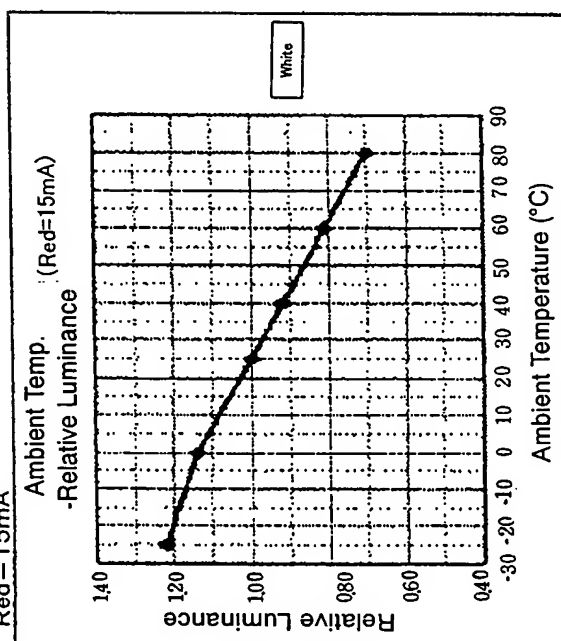


RGB Backlight Ambient Temp.-If Property
White Balance : $x=0.31, y=0.31$

Red=20mA



Red=15mA



Red=25mA

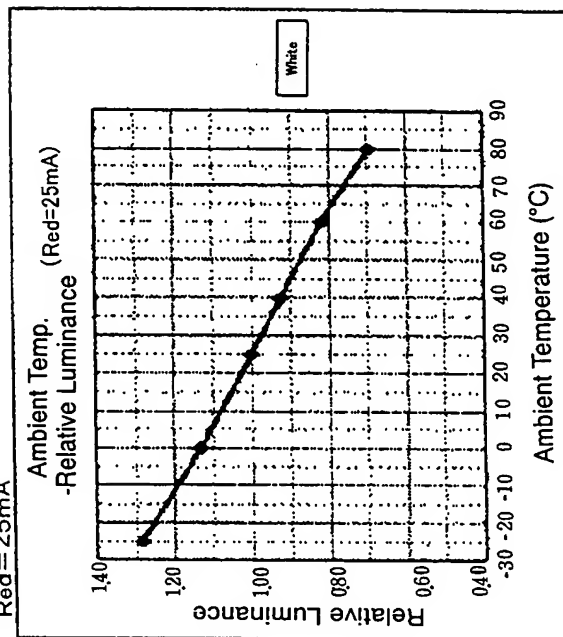


FIG. 10

RGB Backlight Ambient Temp.-White Bal. Property

White Balance: $x=0.31$, $y=0.31$

Red=10mA

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	1433	1.269	0.3103	0.3101	10	6.5	4.9	1.000	1.250	1.171
0	1281	1.136	0.3095	0.3093	10	5.9	4.5	1.000	1.135	1.098
25	1129	1.000	0.3094	0.3091	10	5.2	4.1	1.000	1.000	1.000
40	1032	0.914	0.3104	0.3108	10	4.8	3.8	1.000	0.923	0.927
60	895.3	0.793	0.3093	0.3091	10	4.2	3.5	1.000	0.808	0.854
80	761.5	0.674	0.3109	0.3102	10	3.8	3.1	1.000	0.692	0.756

Red=15mA

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	1947	1.218	0.3099	0.3099	15	10.4	7.0	1.000	1.284	1.207
0	1726	1.139	0.3099	0.3093	15	9.1	6.4	1.000	1.123	1.103
25	1516	1.000	0.3100	0.3109	15	8.1	5.8	1.000	1.000	1.000
40	1394	0.920	0.3103	0.3101	15	7.3	5.5	1.000	0.901	0.931
60	1229	0.811	0.3093	0.3095	15	6.5	5.0	1.000	0.802	0.862
80	1054	0.702	0.3103	0.3097	15	5.6	4.5	1.000	0.691	0.776

Red=20mA

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	2296	1.266	0.3101	0.3101	20	14.4	8.9	1.000	1.286	1.171
0	2050	1.130	0.3101	0.3107	20	12.9	8.2	1.000	1.152	1.093
25	1814	1.000	0.3097	0.3097	20	11.2	7.5	1.000	1.000	1.000
40	1697	0.938	0.3095	0.3098	20	10.2	7.0	1.000	0.911	0.933
60	1509	0.832	0.3105	0.3108	20	8.9	6.3	1.000	0.795	0.840
80	1320	0.728	0.3095	0.3103	20	7.8	5.8	1.000	0.696	0.773

Red=25mA

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	2805	1.285	0.3100	0.3096	25	18.6	10.6	1.000	1.310	1.205
0	2471	1.132	0.3099	0.3099	25	16.5	9.8	1.000	1.162	1.114
25	2183	1.000	0.3104	0.3105	25	14.2	8.8	1.000	1.000	1.000
40	2022	0.926	0.3099	0.3097	25	12.9	8.3	1.000	0.908	0.943
60	1794	0.822	0.3104	0.3102	25	11.2	7.5	1.000	0.789	0.852
80	1521	0.897	0.3101	0.3099	25	9.5	6.8	1.000	0.559	0.773

FIG. 11

RGB Backlight Ambient Temp.-If Property
White Balance: $x=0.29$, $y=0.29$

Red=10mA

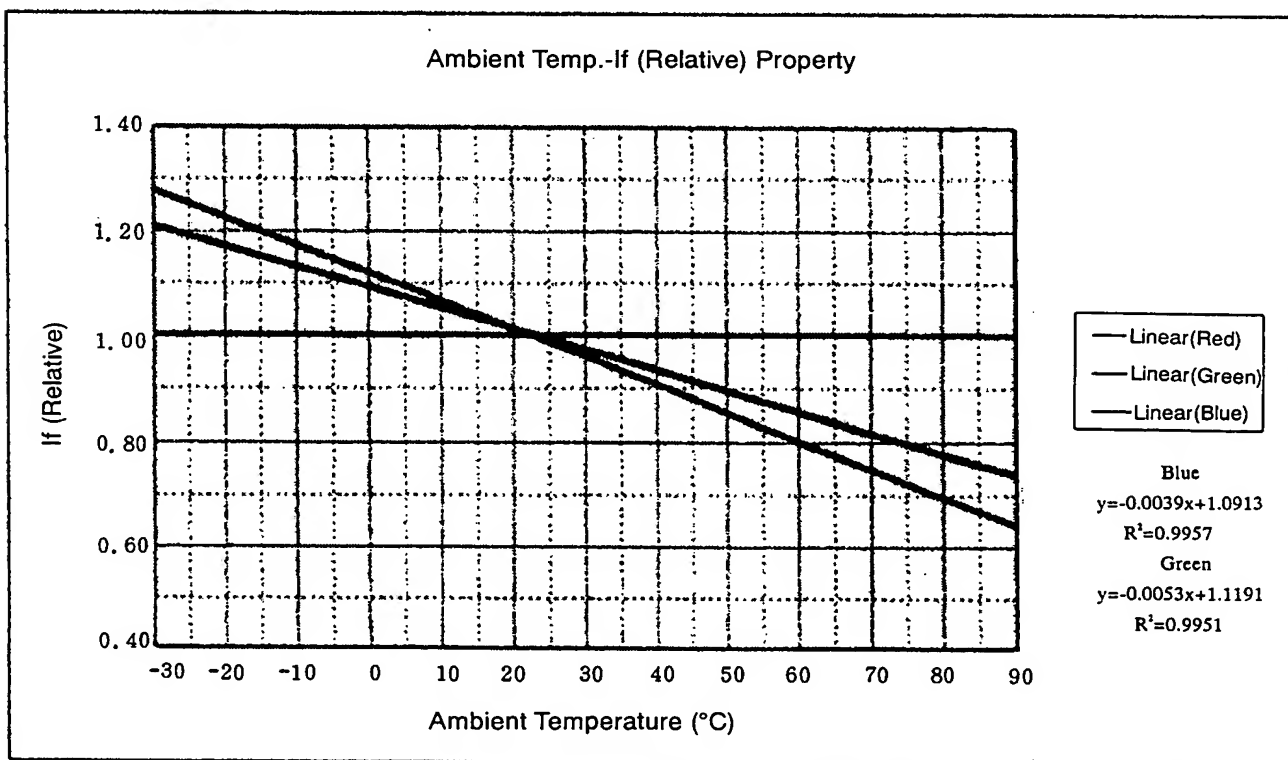
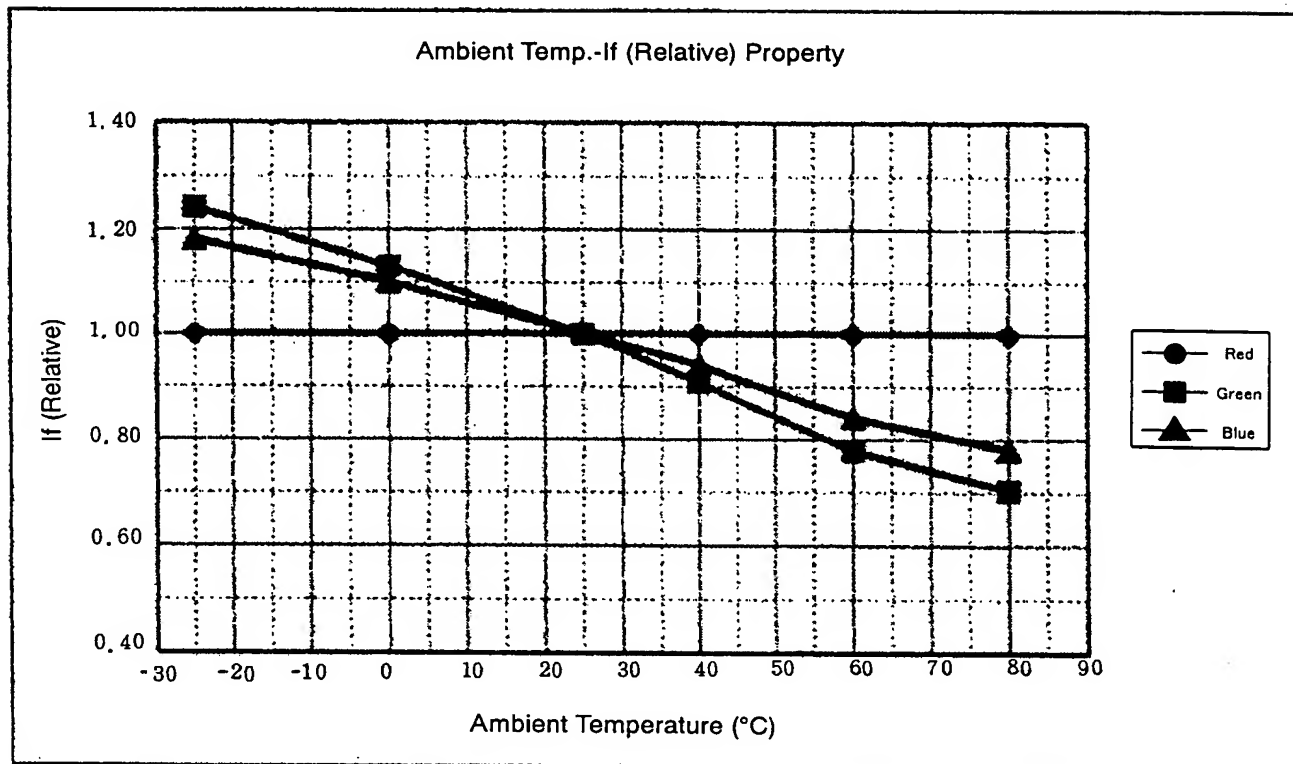


FIG. 12

RGB Backlight Ambient Temp.-If Property

White Balance: $x=0.29$, $y=0.29$

Red=15mA

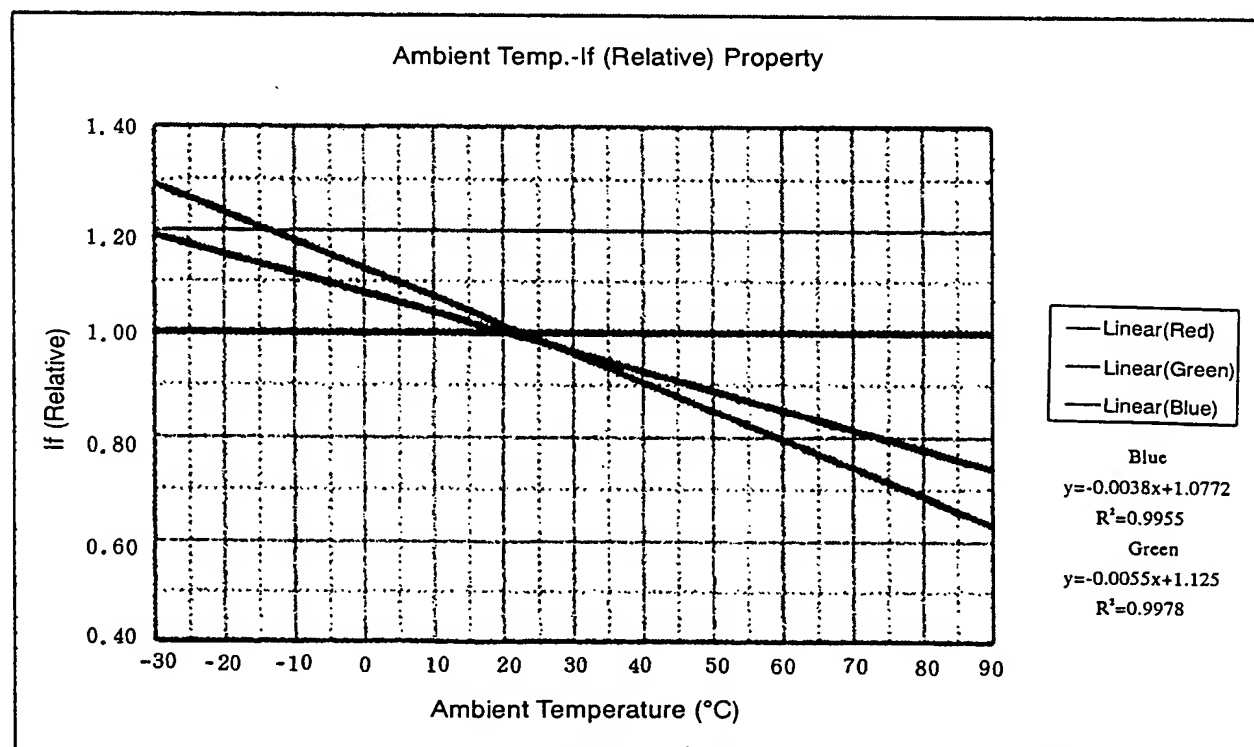
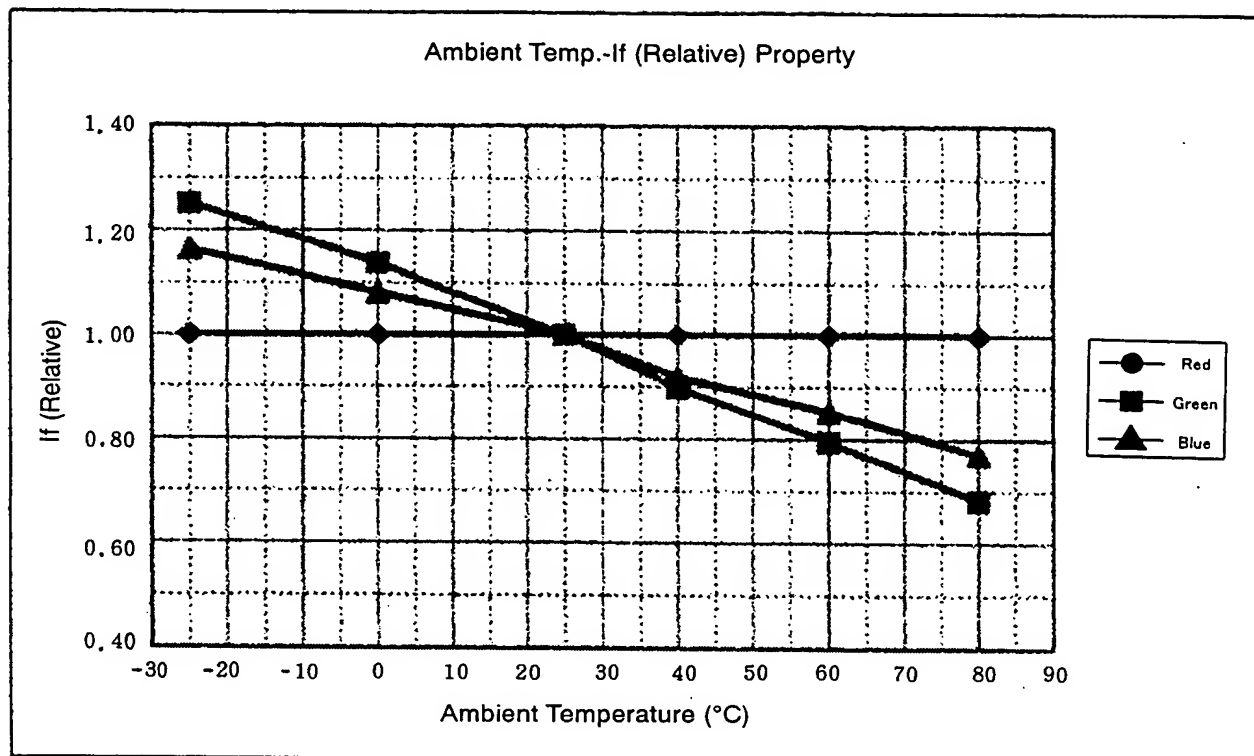


FIG. 13

RGB Backlight Ambient Temp.-If Property
White Balance: $x=0.29$, $y=0.29$

Red=20mA

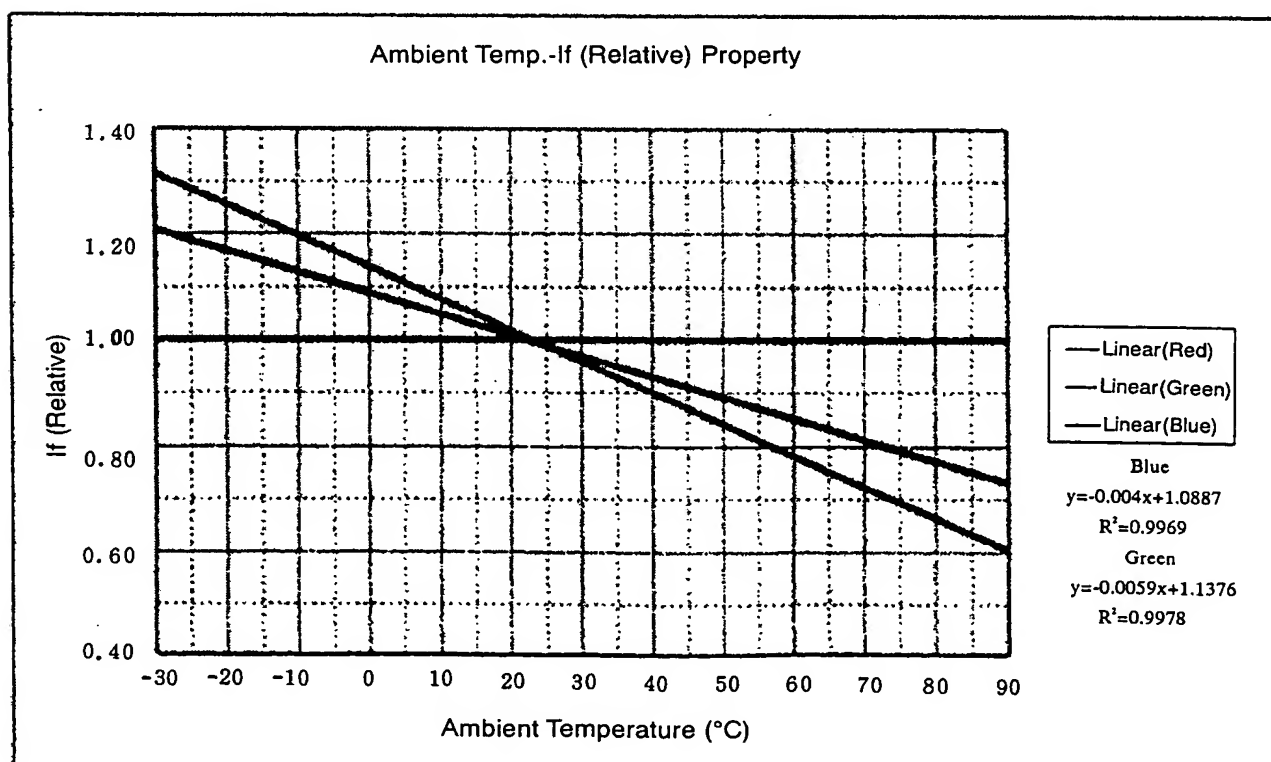
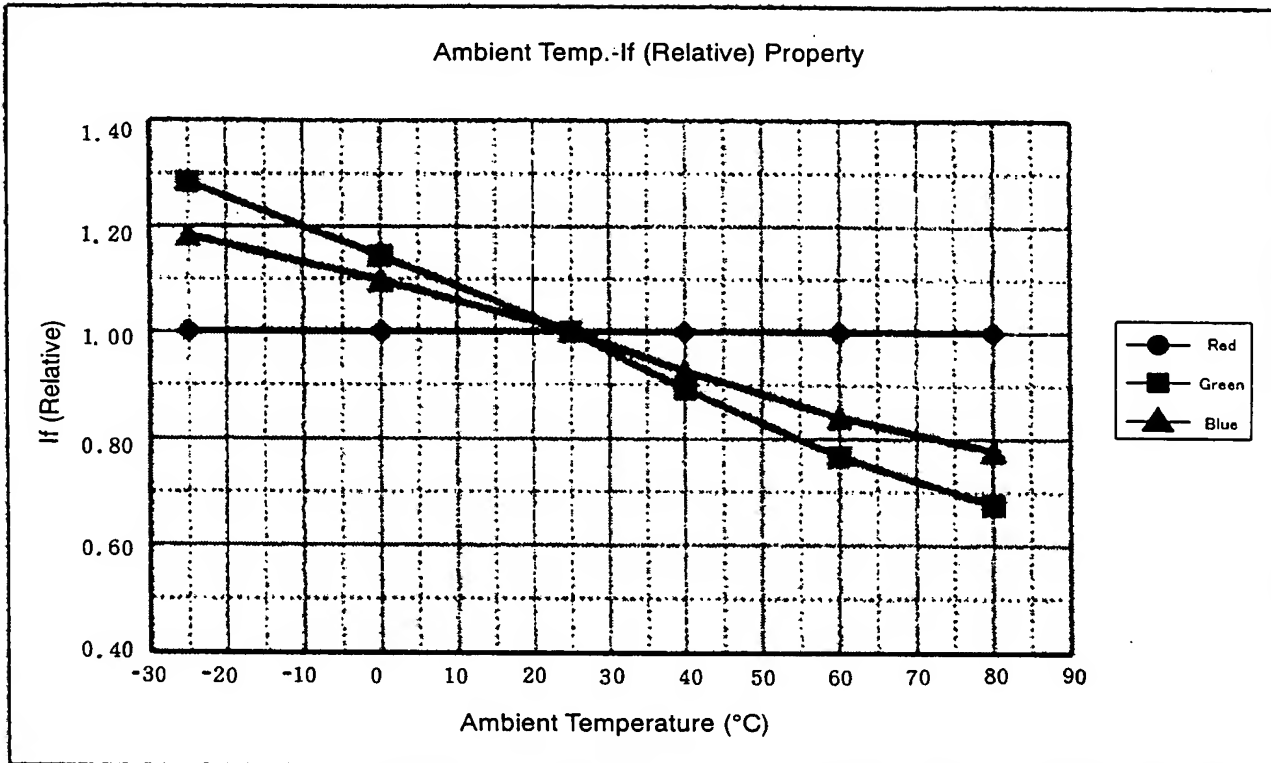


FIG. 14

RGB Backlight Ambient Temp.-If Property
White Balance: $x=0.29$, $y=0.29$

Red=25mA

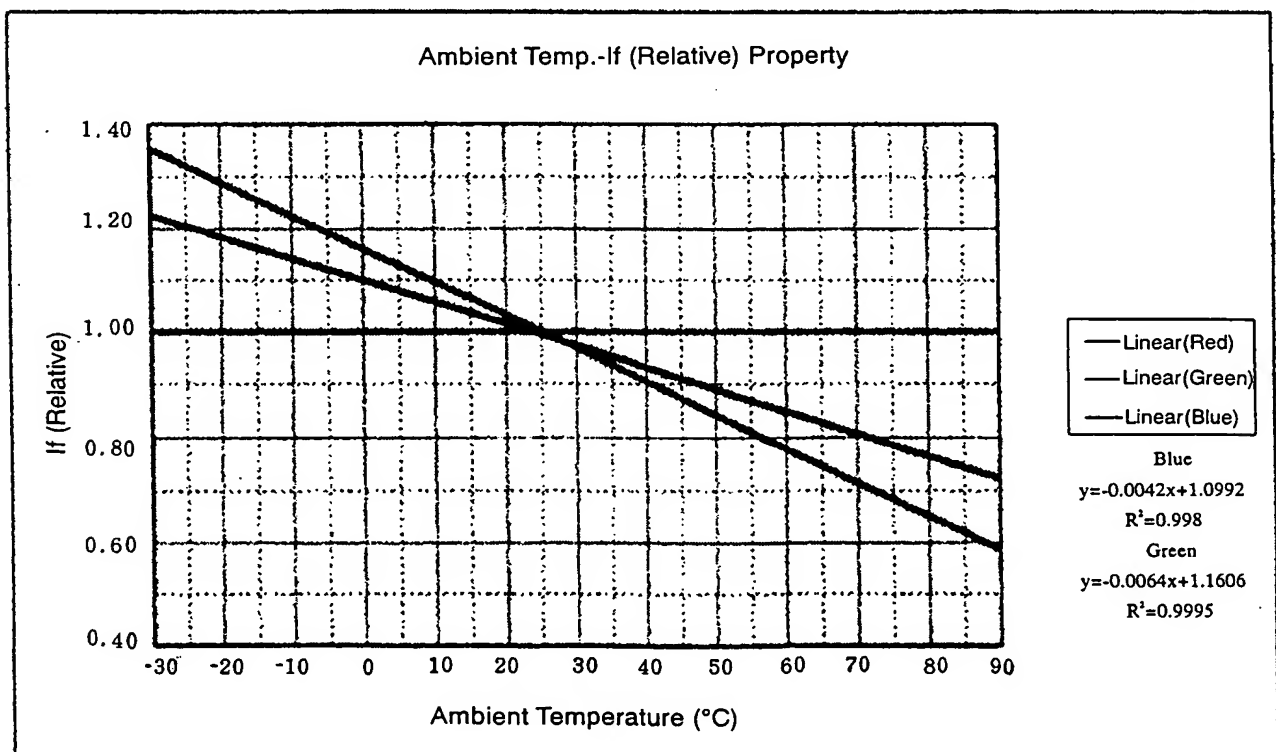
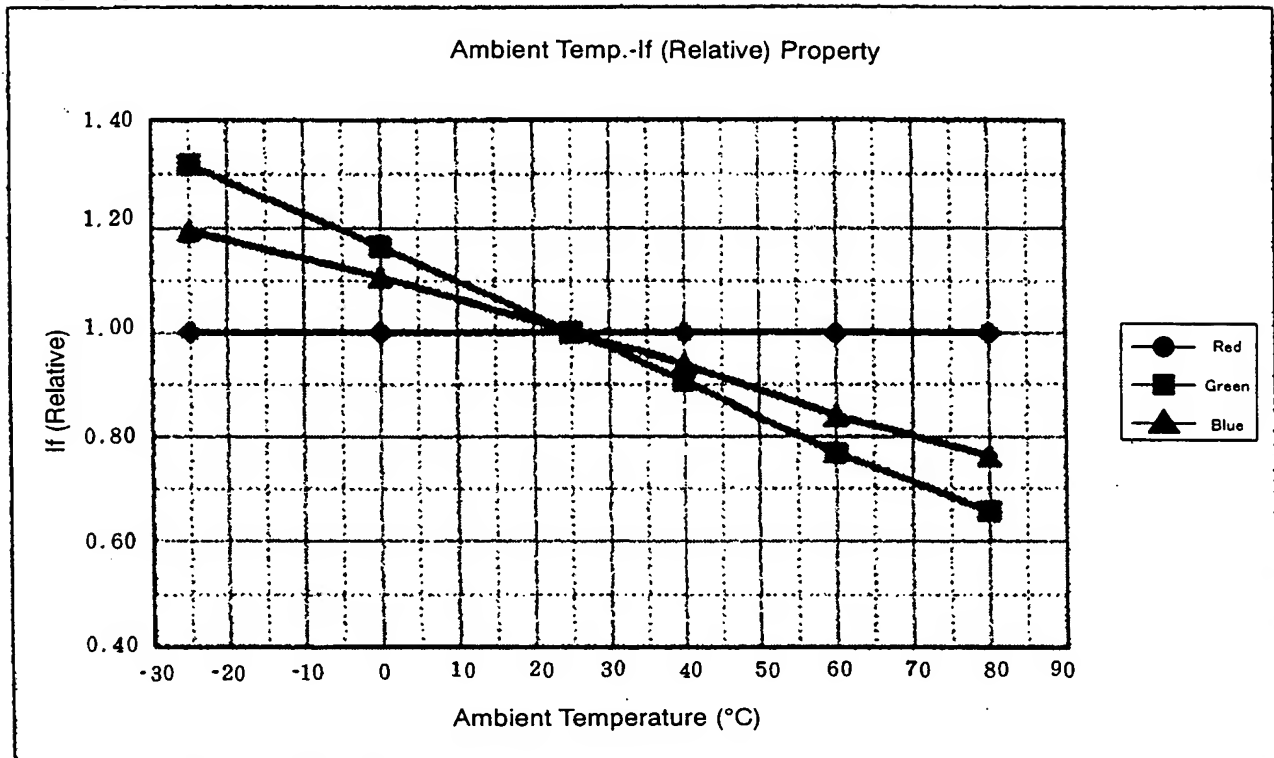
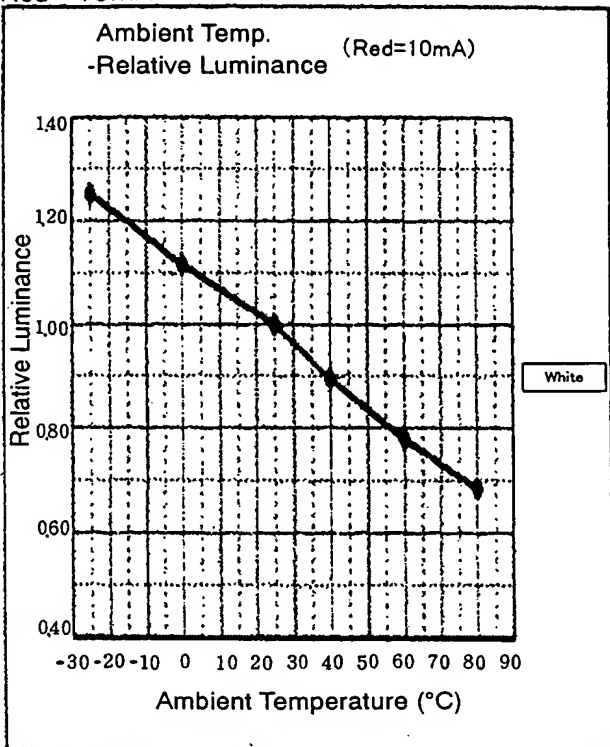


FIG. 15

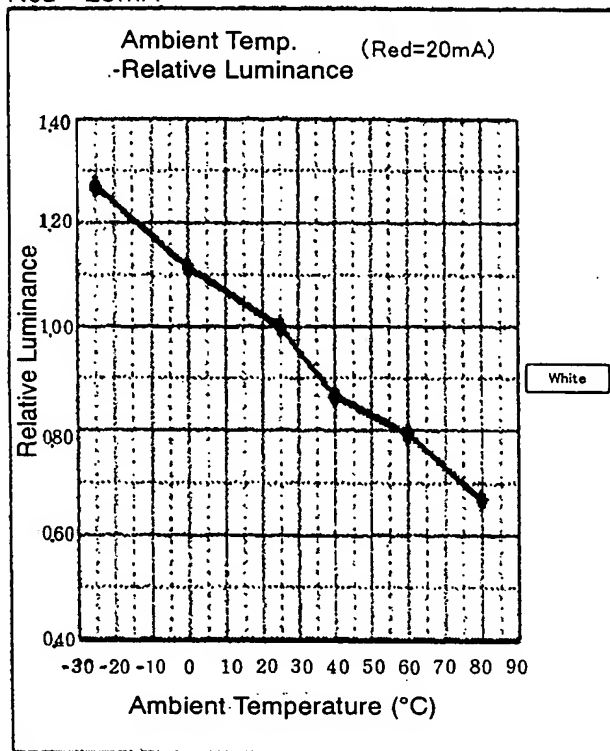
RGB Backlight Ambient Temp.-If Property
White Balance : $x=0.29$, $y=0.29$

Red=10mA

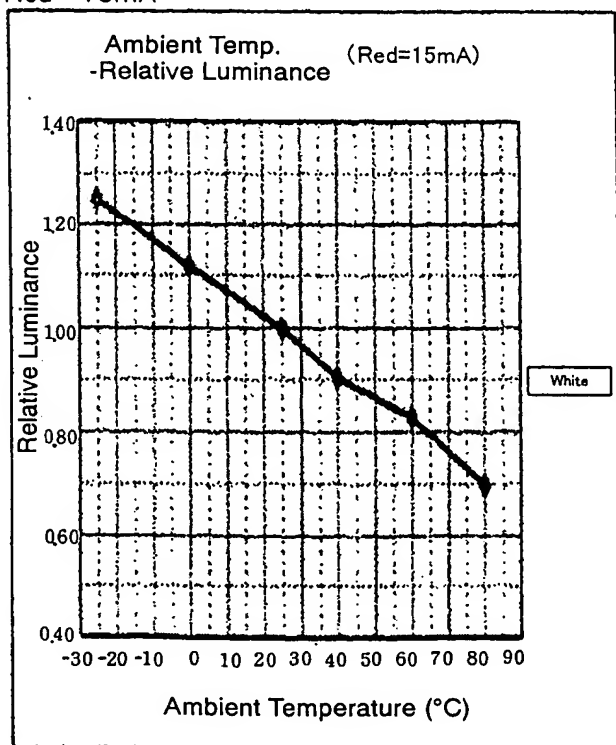


RGB Backlight Ambient Temp.-If Property
White Balance : $x=0.29$, $y=0.29$

Red=20mA



Red=15mA



Red=25mA

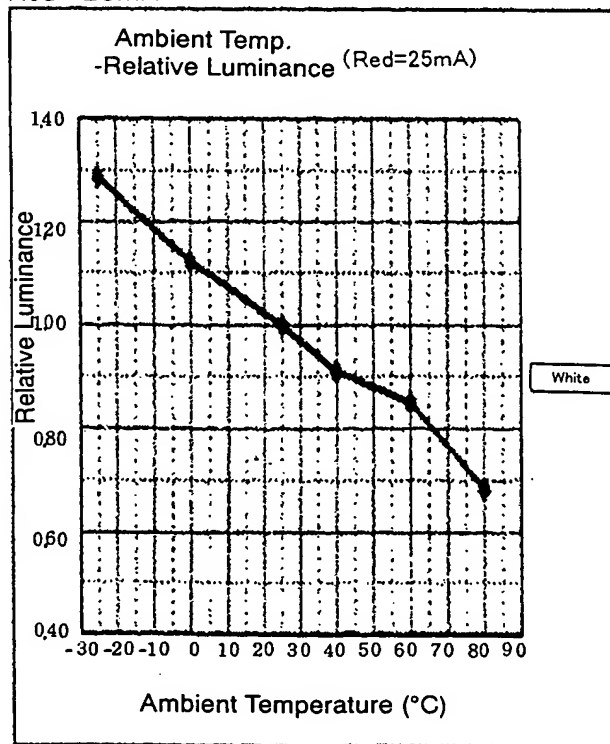


FIG. 16

RGB Backlight Ambient Temp.-White Bal. Property

White Balance: $x=0.29$, $y=0.29$

Red=10mA

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	1434	1.251	0.2906	0.2901	10	6.7	5.9	1.000	1.241	1.180
0	1280	1.117	0.2899	0.2904	10	6.1	5.5	1.000	1.130	1.100
25	1146	1.000	0.2896	0.2908	10	5.4	5.0	1.000	1.000	1.000
40	1024	0.894	0.2897	0.2896	10	4.9	4.7	1.000	0.907	0.940
60	892.2	0.779	0.2908	0.2896	10	4.2	4.2	1.000	0.778	0.840
80	784	0.684	0.2899	0.2906	10	3.8	3.9	1.000	0.704	0.780

Red=15mA

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	1959	1.251	0.2903	0.2896	15	11.0	8.6	1.000	1.250	1.162
0	1750	1.117	0.2905	0.2905	15	10.0	8.0	1.000	1.136	1.081
25	1566	1.000	0.2892	0.2897	15	8.8	7.4	1.000	1.000	1.000
40	1414	0.903	0.2908	0.2906	15	7.9	6.8	1.000	0.898	0.919
60	1297	0.828	0.2892	0.2902	15	7.0	6.3	1.000	0.795	0.851
80	1090	0.696	0.2899	0.2901	15	8.0	5.7	1.000	0.682	0.770

Red=20mA

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	2501	1.270	0.2901	0.2898	20	15.4	11.1	1.000	1.283	1.181
0	2194	1.114	0.2899	0.2898	20	13.7	10.3	1.000	1.142	1.096
25	1970	1.000	0.2894	0.2902	20	12.0	9.4	1.000	1.000	1.000
40	1705	0.865	0.2901	0.2900	20	10.7	8.7	1.000	0.892	0.928
60	1564	0.794	0.2904	0.2900	20	9.2	7.9	1.000	0.767	0.840
80	1314	0.667	0.2900	0.2898	20	8.1	7.3	1.000	0.675	0.777

Red=25mA

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	2791	1.287	0.2900	0.2900	25	19.9	13.5	1.000	1.318	1.195
0	2430	1.121	0.2896	0.2899	25	17.6	12.5	1.000	1.166	1.105
25	2168	1.000	0.2899	0.2899	25	15.1	11.3	1.000	1.000	1.000
40	1947	0.911	0.2900	0.2900	25	13.7	10.6	1.000	0.907	0.938
60	1844	0.851	0.2903	0.2900	25	11.6	9.5	1.000	0.768	0.841
80	1481	0.683	0.2904	0.2901	25	9.9	8.6	1.000	0.656	0.761

FIG. 17

RGB Backlight Ambient Temp.-If Property

White Balance: x=0.27, y=0.27

Red=10mA

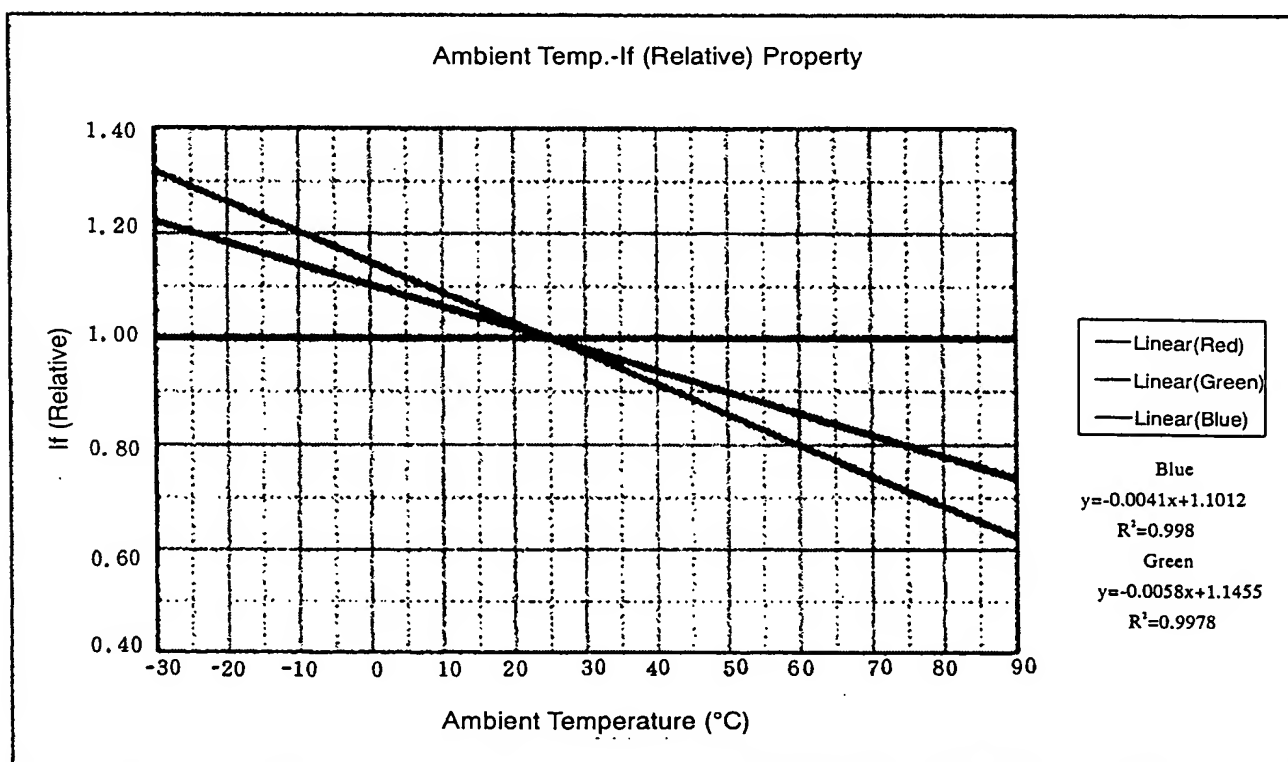
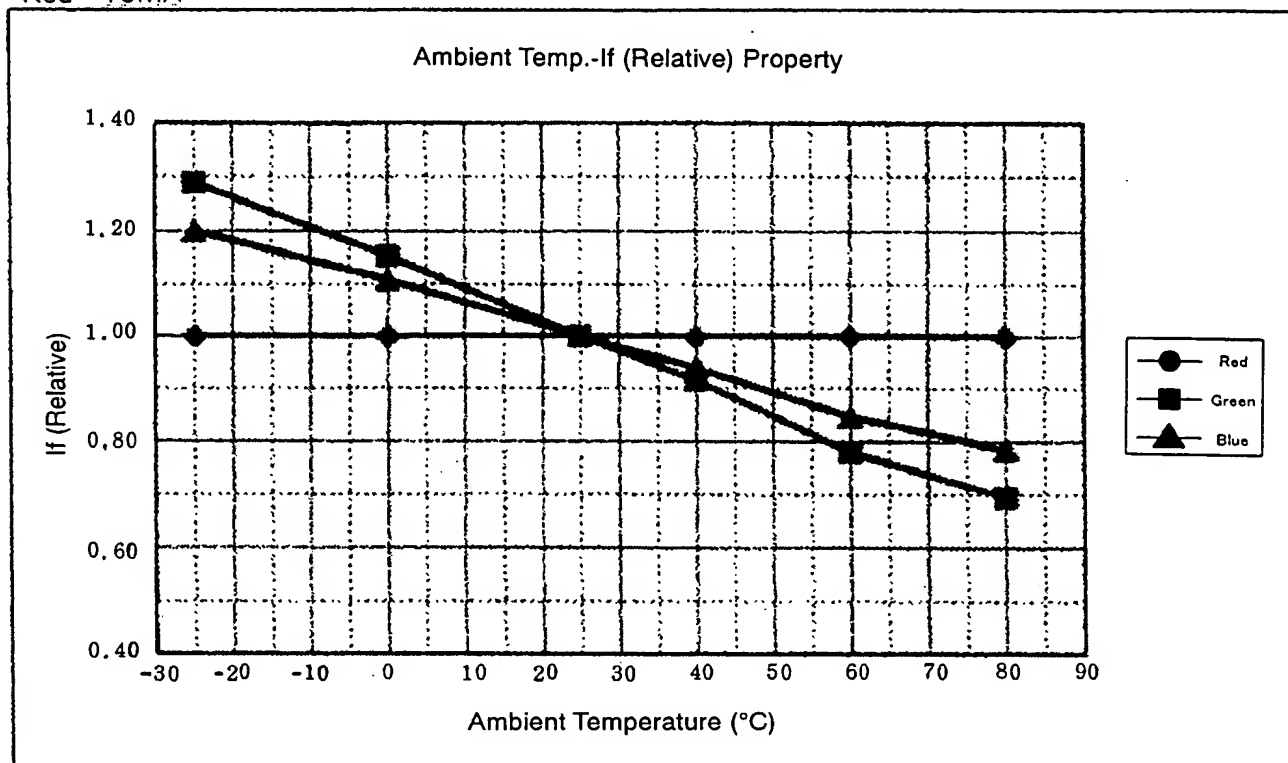


FIG. 18

RGB Backlight Ambient Temp.-If Property

White Balance : $x=0.27$, $y=0.27$

Red=15mA

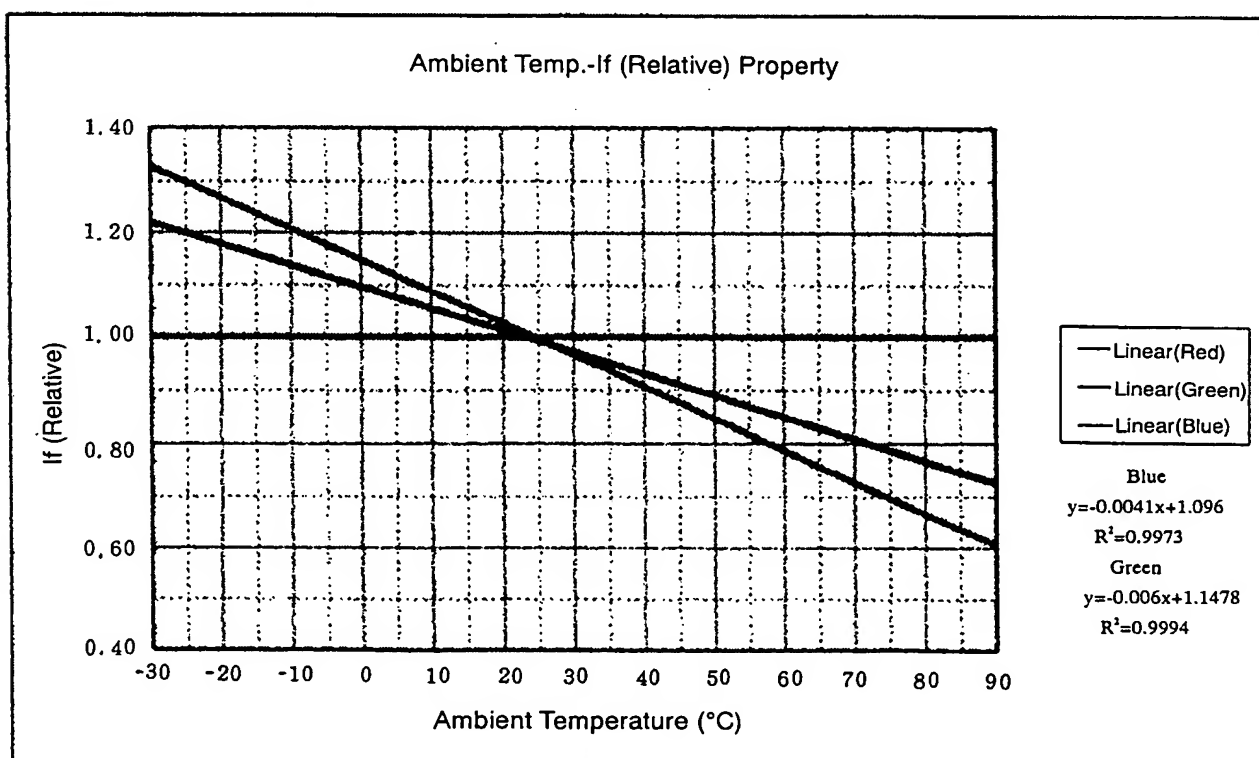
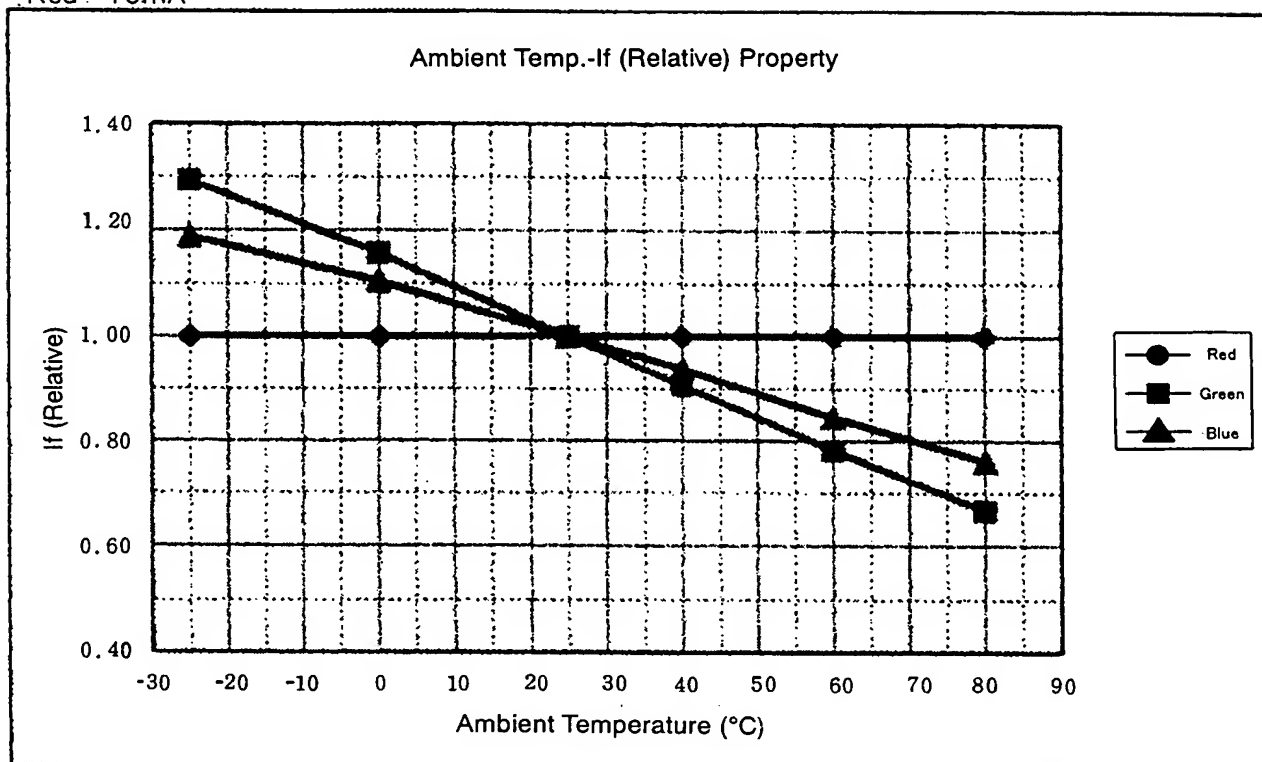


FIG. 19

RGB Backlight Ambient Temp.-If Property
White Balance: $x=0.27$, $y=0.27$

Red = 20mA

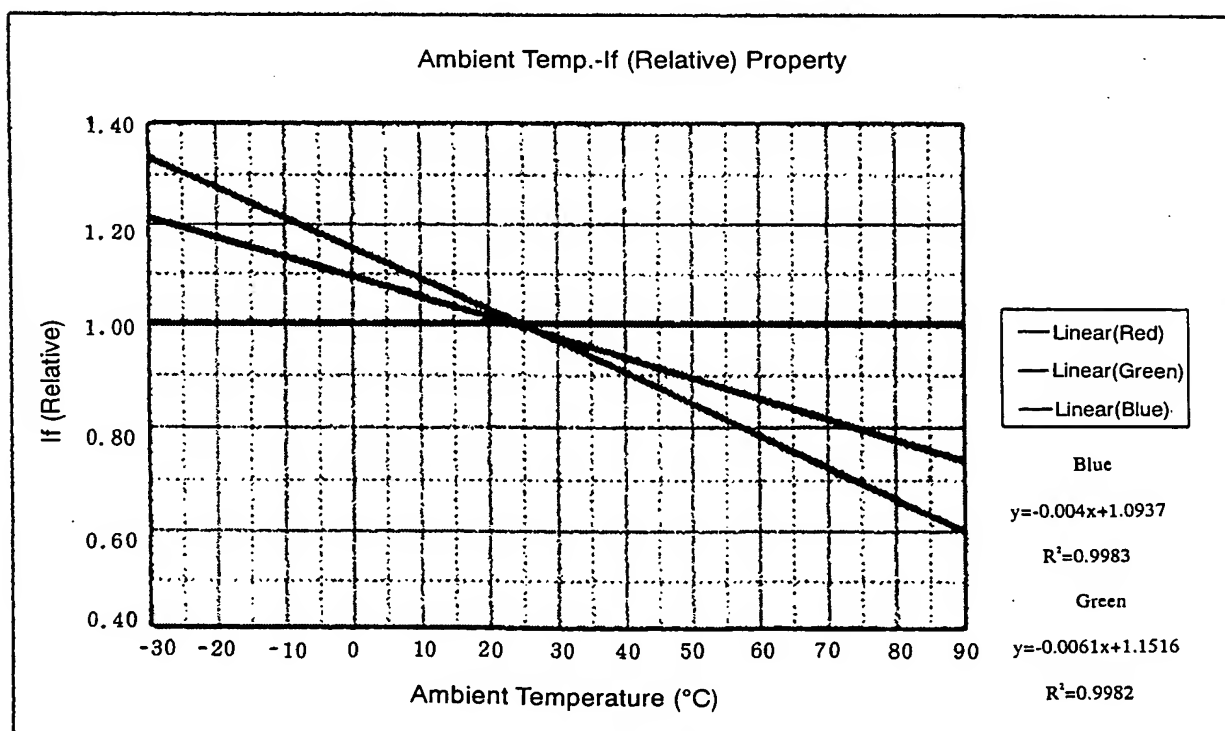
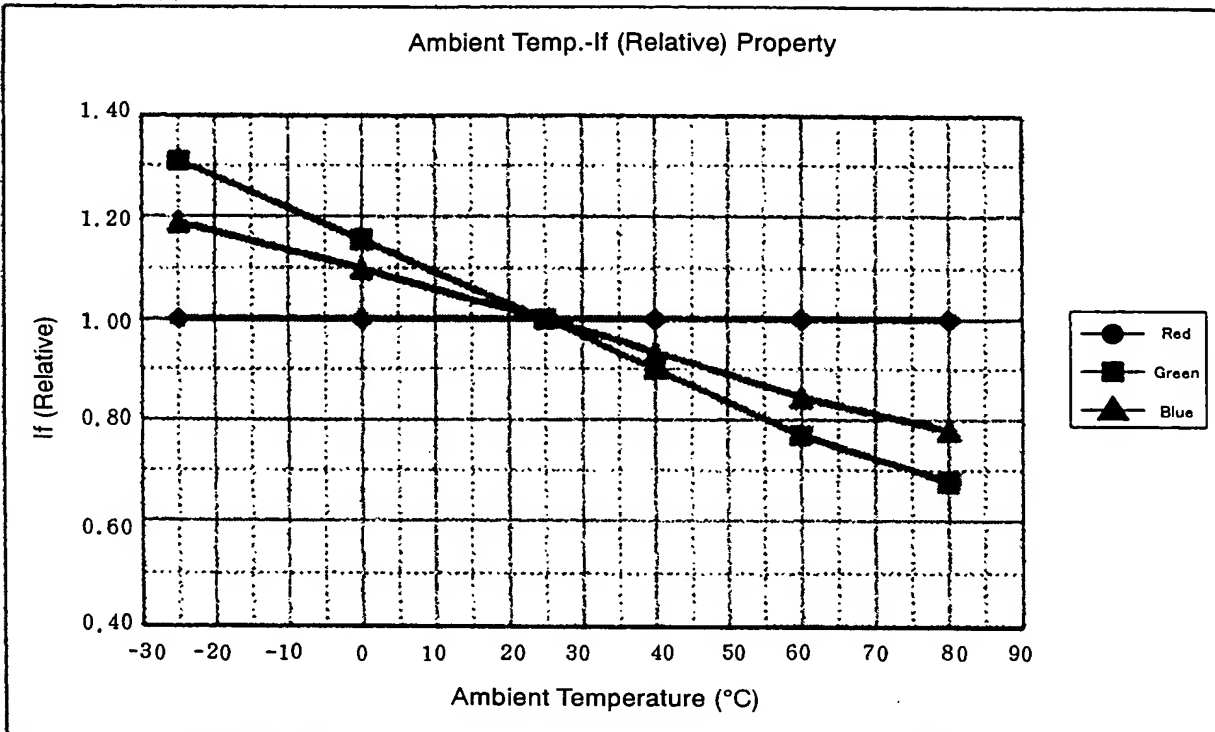


FIG. 20

RGB Backlight Ambient Temp.-If Property

White Balance: $x=0.27$, $y=0.27$

Red=25mA

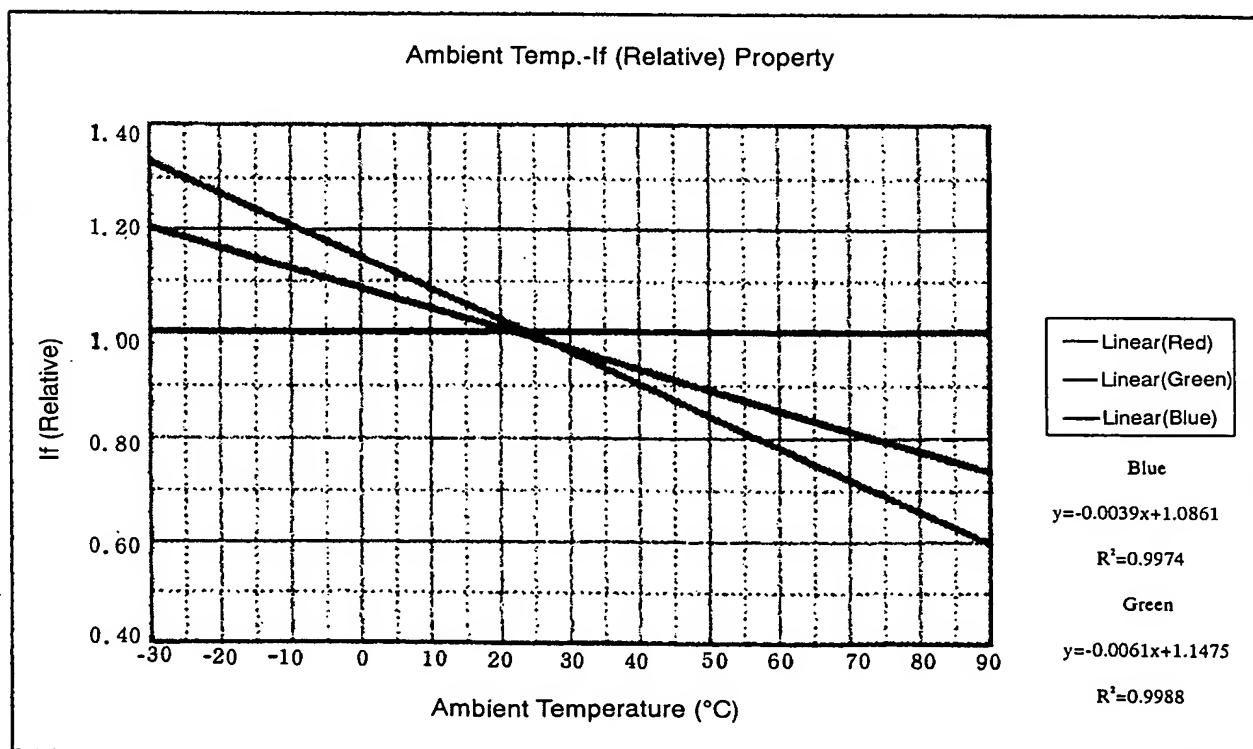
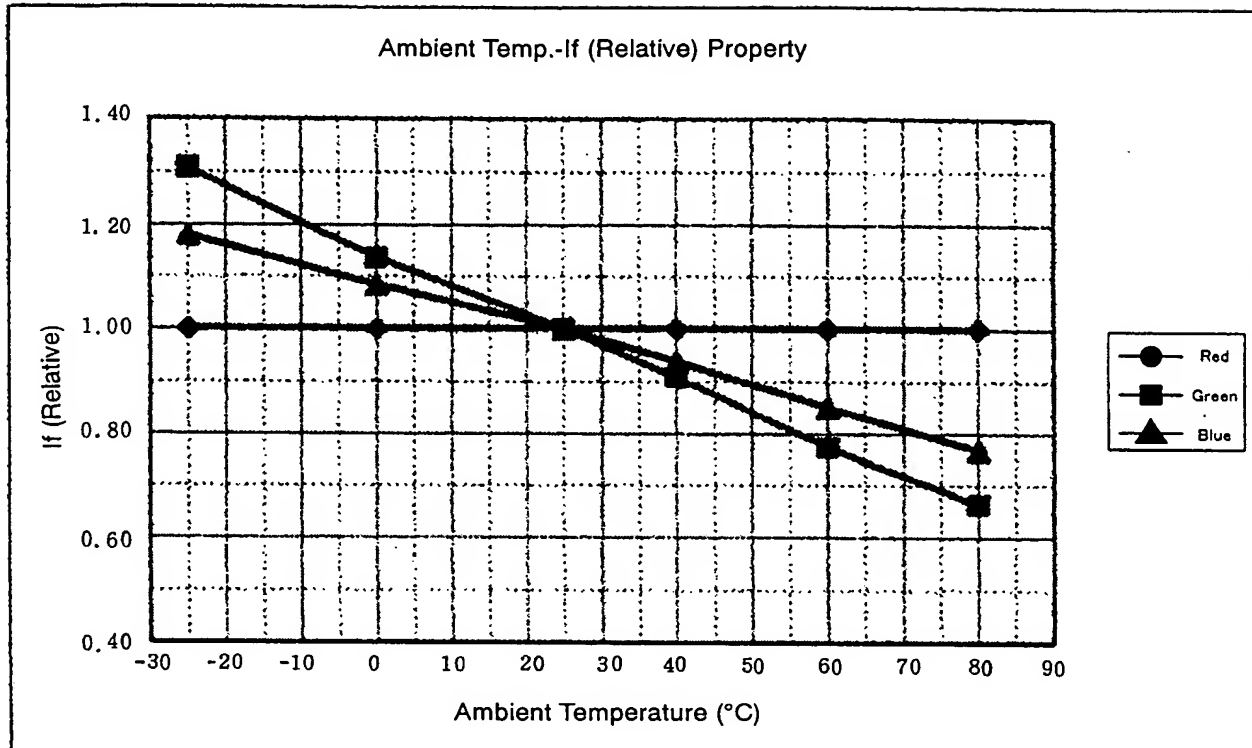
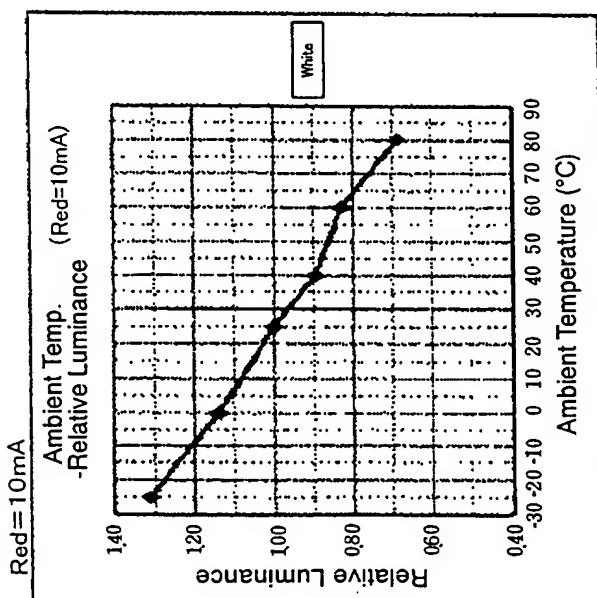
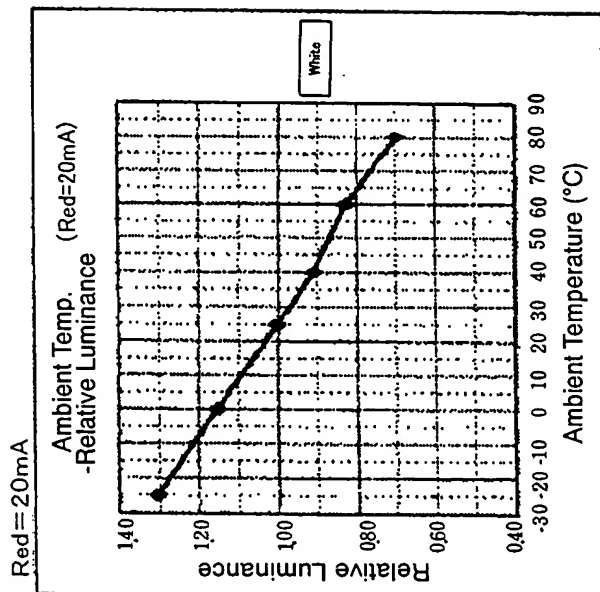


FIG. 21

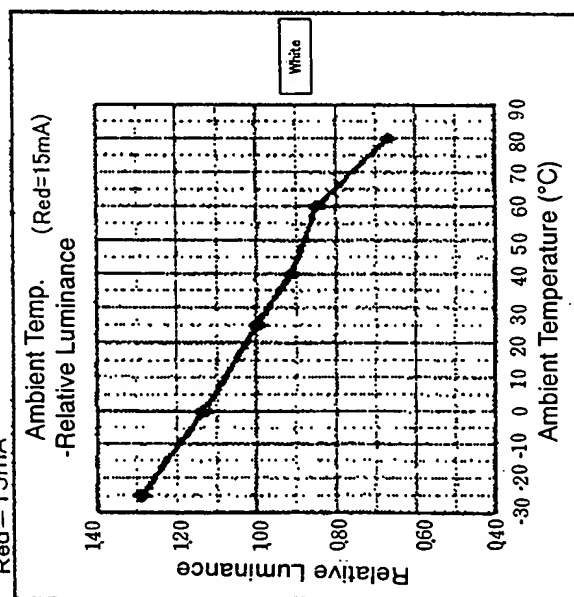
RGB Backlight Ambient Temp.-If Property
White Balance : $x=0.27, y=0.27$



RGB Backlight Ambient Temp.-If Property
White Balance : $x=0.27, y=0.27$



Red = 15mA



Red = 25mA

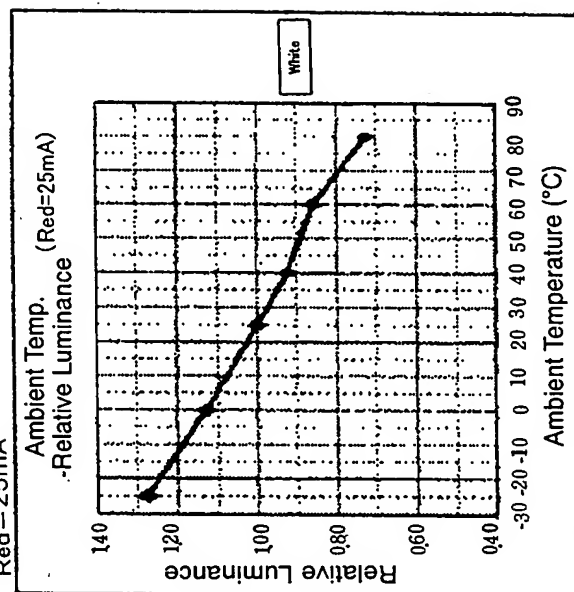


FIG. 22

RGB Backlight Ambient Temp.-White Bal. Property

White Balance: $x=0.27$, $y=0.27$

Red=10mA

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	1496	1.312	0.2696	0.2702	10	7.6	7.8	1.000	1.288	1.200
0	1299	1.139	0.2703	0.2702	10	6.8	7.2	1.000	1.153	1.108
25	1140	1.000	0.2703	0.2702	10	5.9	6.5	1.000	1.000	1.000
40	1019	0.894	0.2704	0.2701	10	5.4	6.1	1.000	0.915	0.938
60	945.9	0.830	0.2706	0.2693	10	4.6	5.5	1.000	0.780	0.846
80	780.5	0.685	0.2691	0.2693	10	4.1	5.1	1.000	0.695	0.785

Red=15mA

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	2099	1.288	0.2698	0.2701	15	12.4	11.4	1.000	1.292	1.188
0	1847	1.133	0.2699	0.2700	15	11.1	10.6	1.000	1.156	1.104
25	1630	1.000	0.2702	0.2700	15	9.6	9.6	1.000	1.000	1.000
40	1488	0.913	0.2701	0.2698	15	8.7	9.0	1.000	0.906	0.938
60	1381	0.847	0.2697	0.2704	15	7.5	8.1	1.000	0.781	0.844
80	1089	0.686	0.2700	0.2701	15	6.4	7.3	1.000	0.667	0.760

Red=20mA

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	2596	1.305	0.2700	0.2702	20	17.0	14.5	1.000	1.308	1.189
0	2293	1.152	0.2702	0.2702	20	15.0	13.4	1.000	1.154	1.098
25	1990	1.000	0.2699	0.2701	20	13.0	12.2	1.000	1.000	1.000
40	1808	0.909	0.2702	0.2699	20	11.7	11.4	1.000	0.900	0.934
60	1646	0.827	0.2704	0.2702	20	10.0	10.3	1.000	0.769	0.844
80	1390	0.698	0.2698	0.2697	20	8.8	9.5	1.000	0.677	0.779

Red=25mA

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	2791	1.277	0.2703	0.2702	25	21.3	17.2	1.000	1.307	1.178
0	2468	1.129	0.2703	0.2699	25	18.5	15.8	1.000	1.135	1.082
25	2186	1.000	0.2698	0.2698	25	16.3	14.6	1.000	1.000	1.000
40	2016	0.922	0.2698	0.2699	25	14.8	13.7	1.000	0.908	0.938
60	1877	0.859	0.2698	0.2698	25	12.6	12.4	1.000	0.773	0.849
80	1588	0.726	0.2701	0.2703	25	10.8	11.2	1.000	0.663	0.767

FIG.23

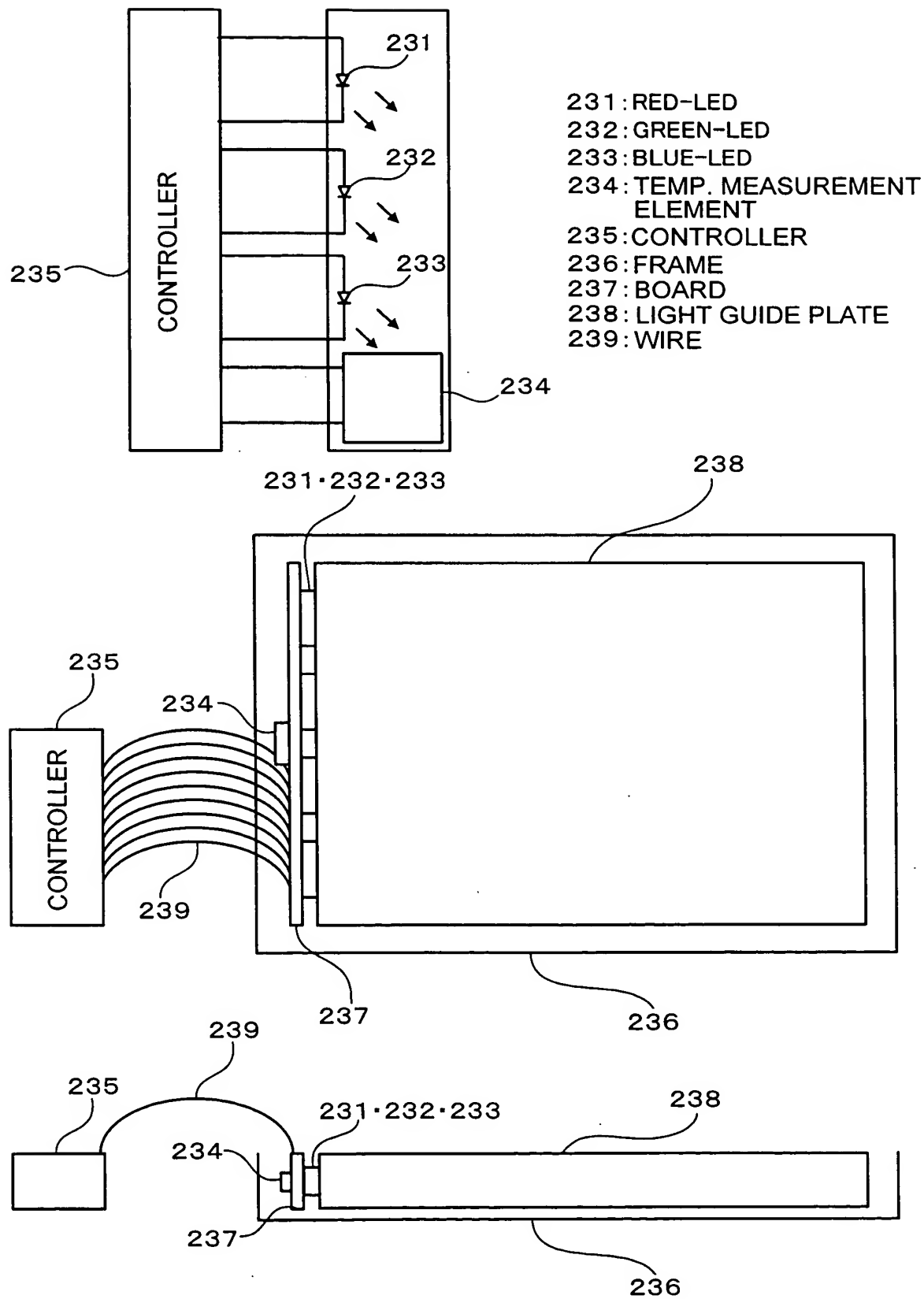


FIG.24

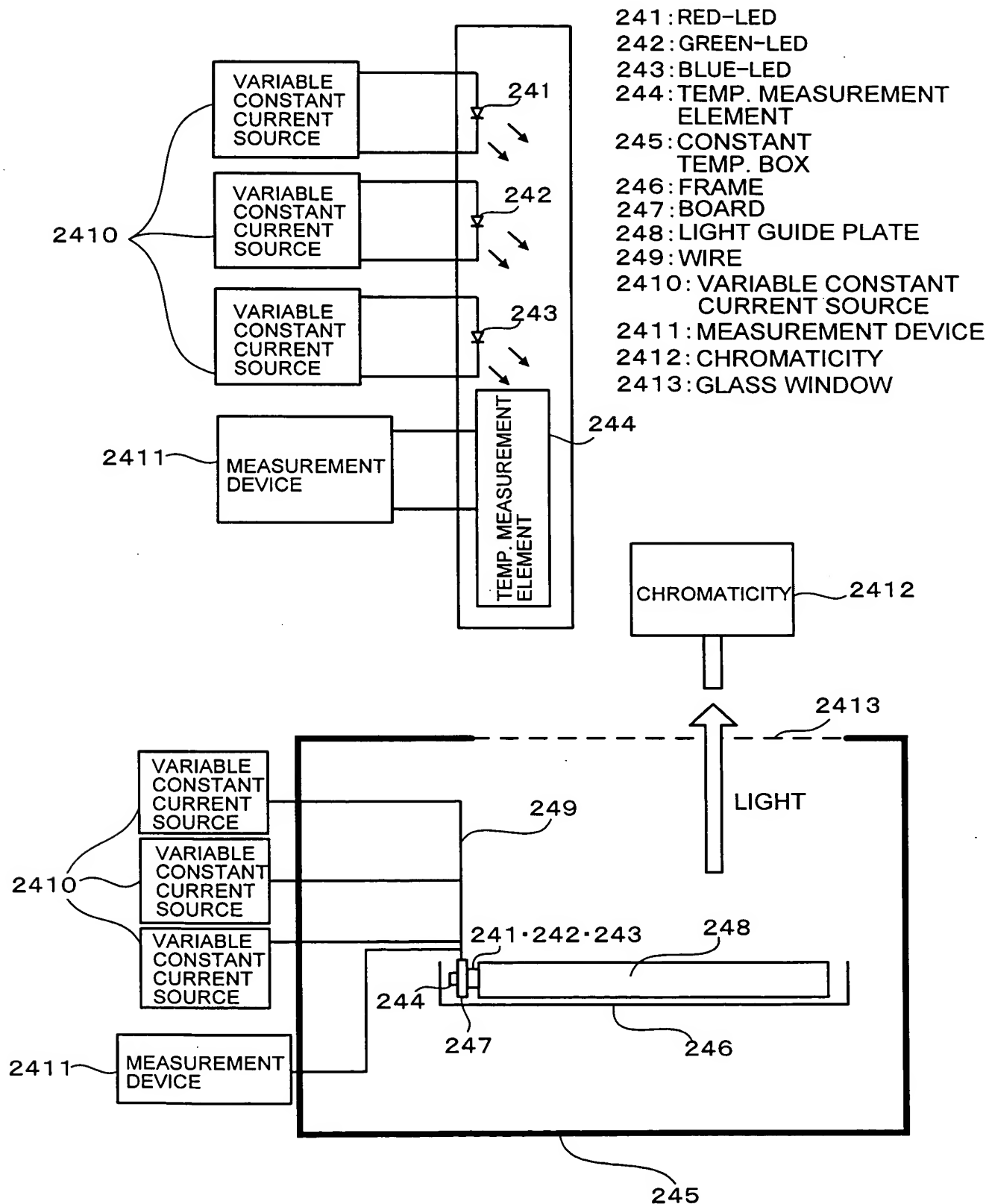


FIG. 25

RGB Backlight Ambient Temp.-White Bal. Property

White Balance: $x=0.23$, $y=0.23$

Red=10mA

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	2015.0	1.3179	0.2300	0.2299	10.00	10.50	14.32	1.0000	1.3191	1.2084
0	1789.0	1.1700	0.2299	0.2300	10.00	9.27	13.19	1.0000	1.1646	1.1131
25	1529.0	1.0000	0.2300	0.2300	10.00	7.96	11.85	1.0000	1.0000	1.0000
40	1452.0	0.9496	0.2299	0.2300	10.00	7.24	11.14	1.0000	0.9095	0.9401
60	1296.0	0.8476	0.2300	0.2299	10.00	6.28	10.18	1.0000	0.7889	0.8591
80	1102.0	0.7207	0.2299	0.2299	10.00	5.37	9.24	1.0000	0.6746	0.7797

Red=15mA

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	2600	1.2316	0.2301	0.2301	15.00	16.68	20.77	1.0000	1.3312	1.2048
0	2332	1.1047	0.2299	0.2300	15.00	14.70	19.20	1.0000	1.1732	1.1137
25	2111	1.0000	0.2299	0.2301	15.00	12.53	17.24	1.0000	1.0000	1.0000
40	1965	0.9308	0.2299	0.2300	15.00	11.35	16.20	1.0000	0.9058	0.9397
60	1752	0.8299	0.2299	0.2300	15.00	9.87	14.86	1.0000	0.7877	0.8619
80	1502	0.7115	0.2299	0.2299	15.00	8.30	13.40	1.0000	0.6624	0.7773

FIG. 26

RGB Backlight Ambient Temp.-If Property

White Balance :x=0.23,y=0.23

Red=10mA

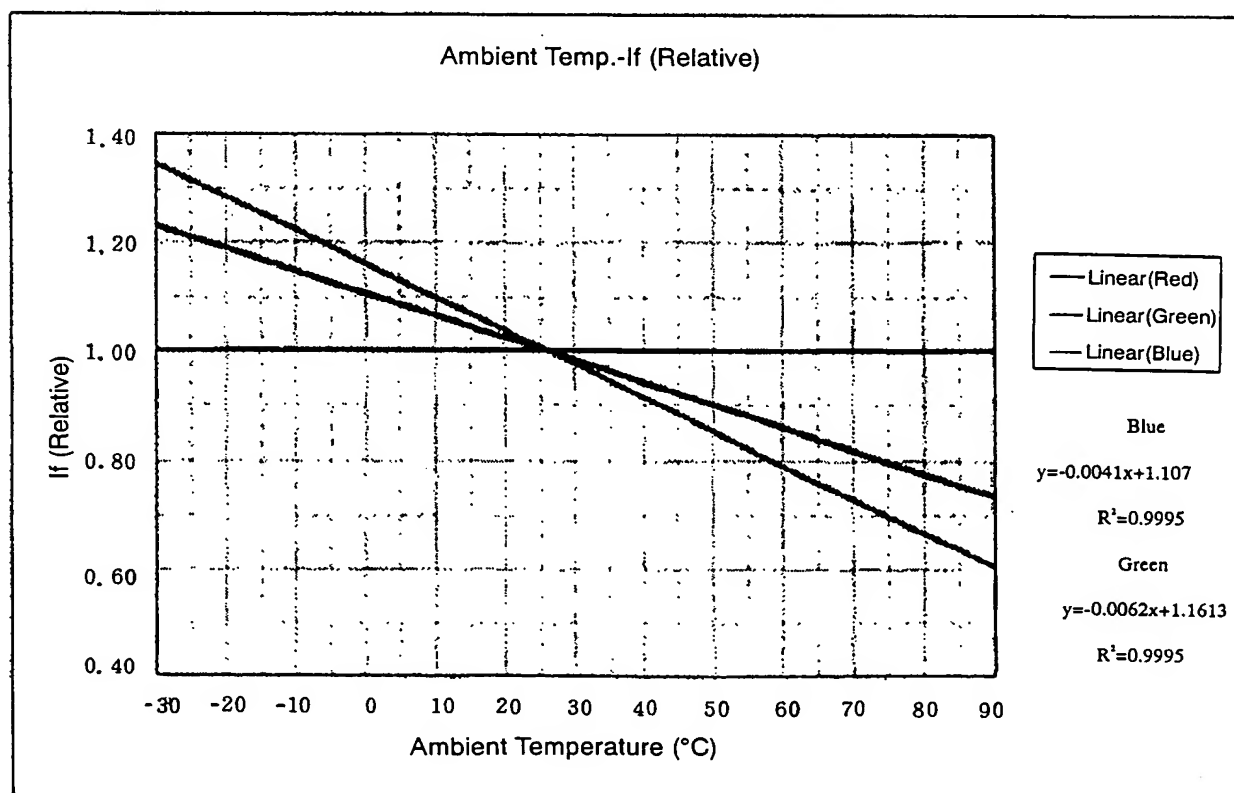
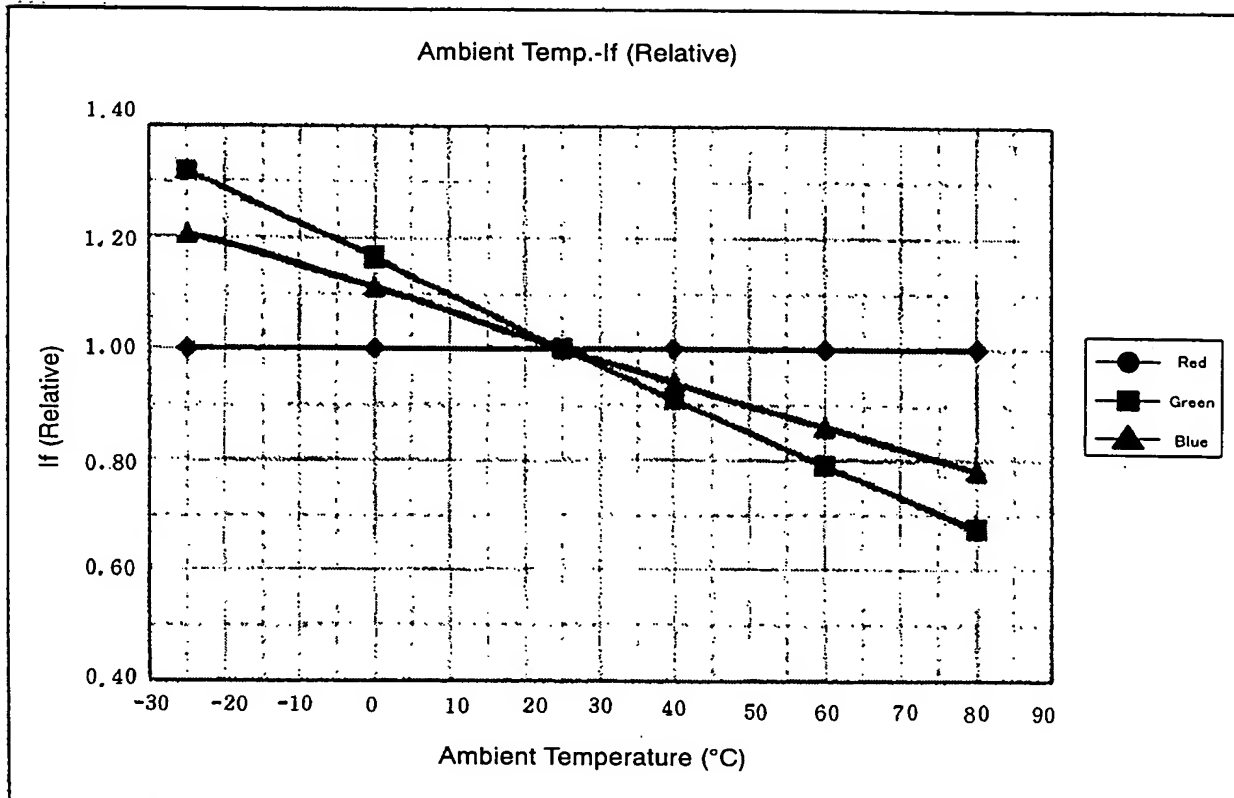


FIG. 27

RGB Backlight Ambient Temp.-If Property

White Balance : x=0. 23, y=0. 23

Red=15mA

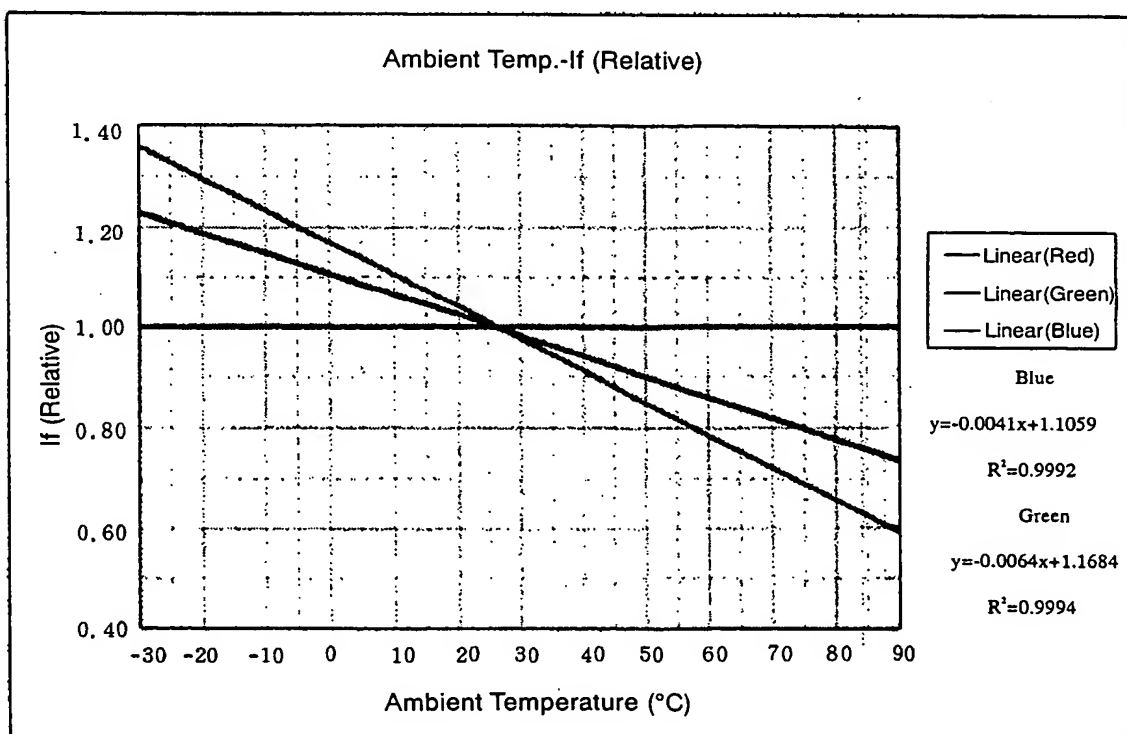
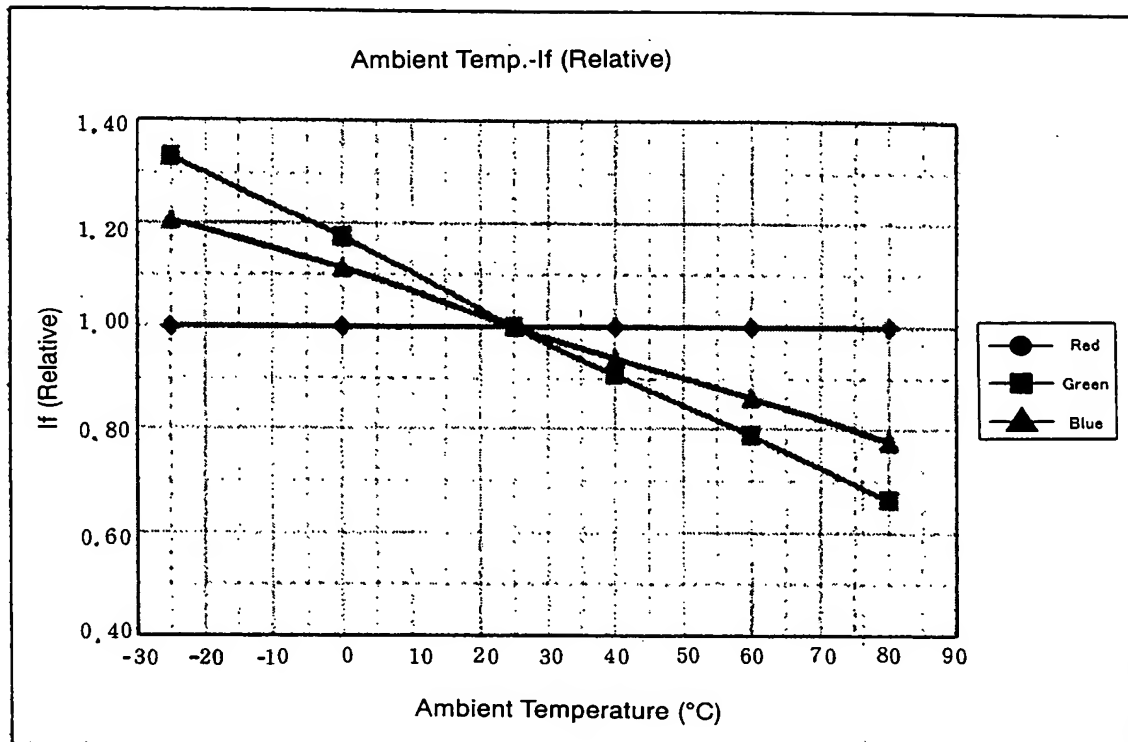


FIG. 28

RGB Backlight Ambient Temp.-White Bal. Property

White Balance: $x=0.41$, $y=0.41$

Red=10mA

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	1290.0	1.2659	0.4099	0.4099	10.00	4.97	1.21	1.0000	1.2333	1.1415
0	1150.0	1.1286	0.4102	0.4102	10.00	4.50	1.13	1.0000	1.1166	1.0660
25	1019.0	1.0000	0.4099	0.4099	10.00	4.03	1.06	1.0000	1.0000	1.0000
40	931.4	0.9140	0.4101	0.4102	10.00	3.74	1.01	1.0000	0.9280	0.9528
60	806.3	0.7913	0.4101	0.4102	10.00	3.37	0.95	1.0000	0.8362	0.8962
80	665.0	0.6526	0.4100	0.4101	10.00	2.99	0.90	1.0000	0.7419	0.8491

Red=20mA

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	2152	1.2512	0.4100	0.4099	20.00	11.53	2.20	1.0000	1.2726	1.1640
0	1918	1.1151	0.4099	0.4100	20.00	10.30	2.05	1.0000	1.1369	1.0847
25	1720	1.0000	0.4099	0.4100	20.00	9.06	1.89	1.0000	1.0000	1.0000
40	1587	0.9227	0.4098	0.4100	20.00	8.39	1.81	1.0000	0.9260	0.9577
60	1393	0.8099	0.4098	0.4099	20.00	7.40	1.69	1.0000	0.8168	0.8942
80	1201	0.6983	0.4101	0.4101	20.00	6.52	1.58	1.0000	0.7196	0.8360

FIG. 29

RGB Backlight Ambient Temp.-If Property
White Balance : $x=0.41$, $y=0.41$

Red=10mA

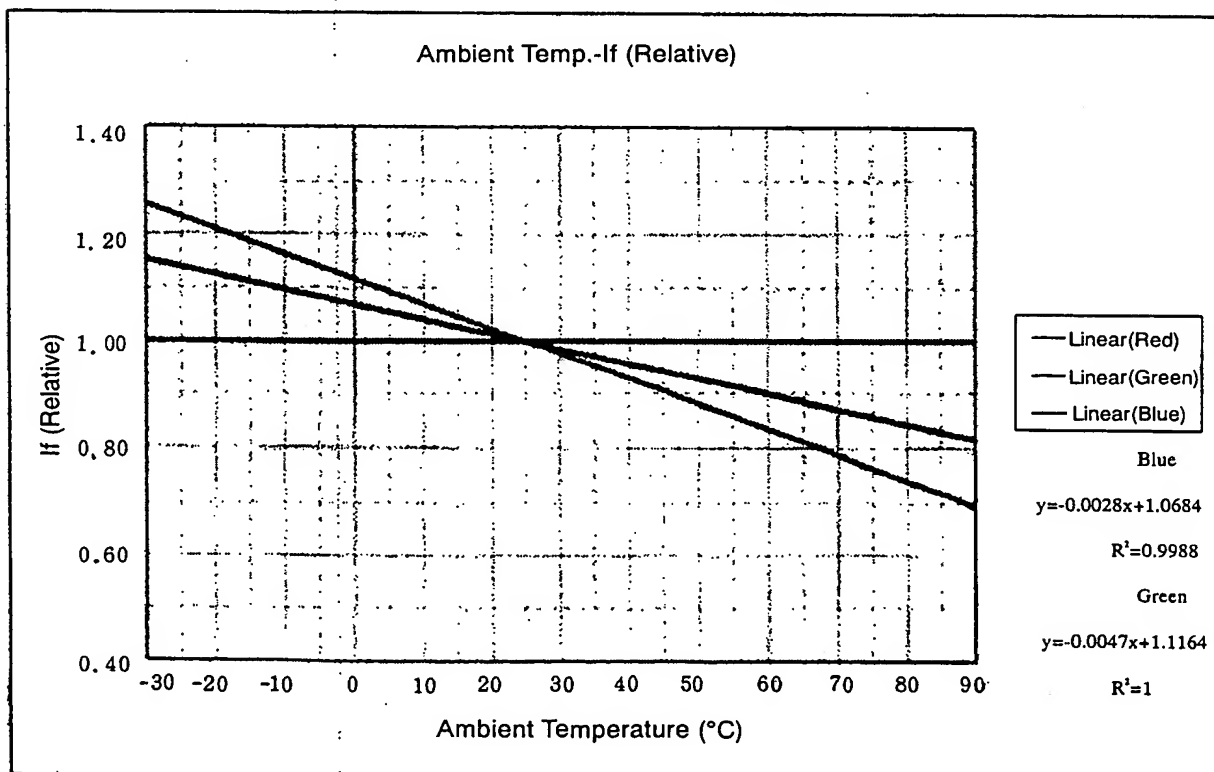
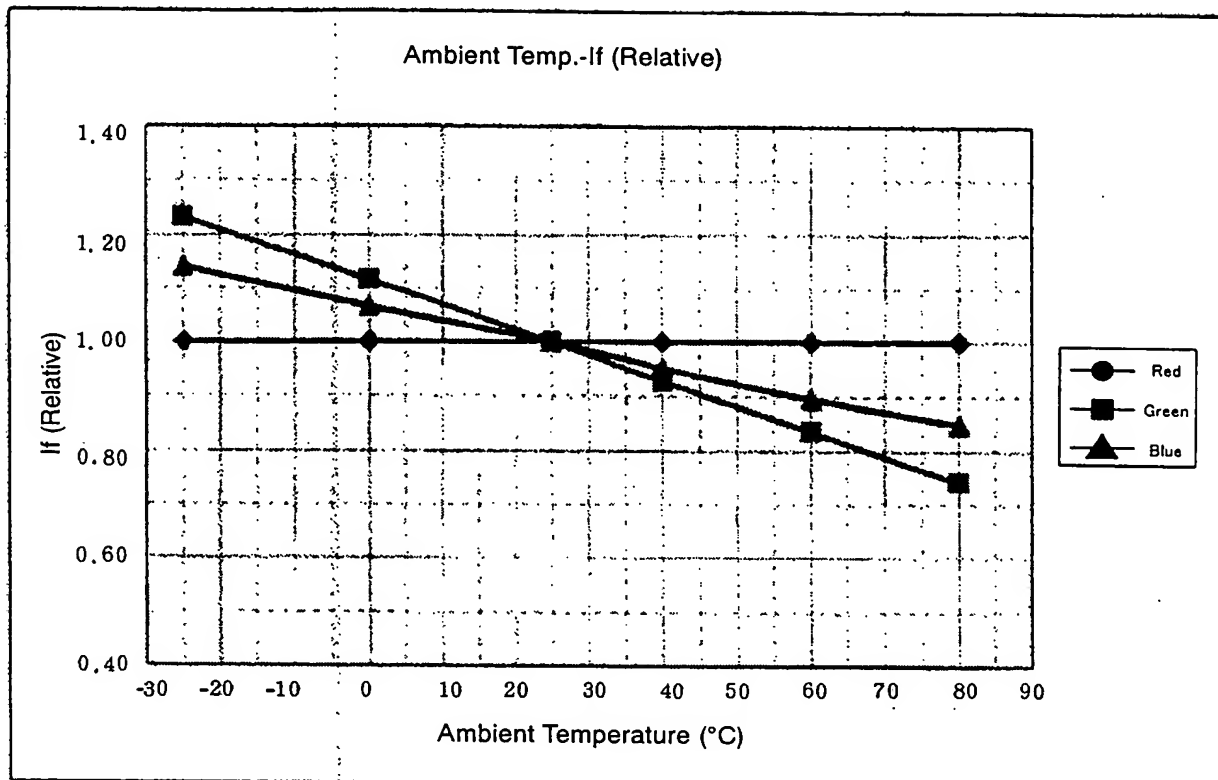


FIG. 30

RGB Backlight Ambient Temp.-If Property

White Balance : x=0.41, y=0.41

Red=20mA

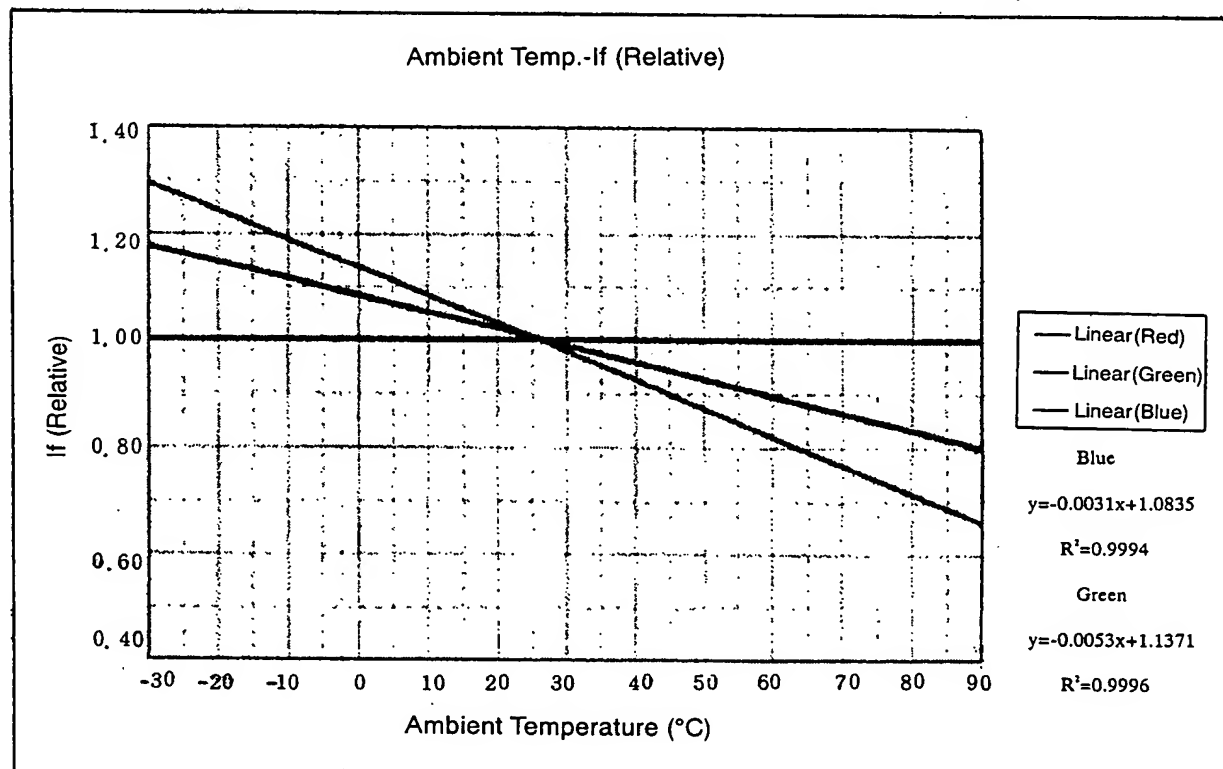
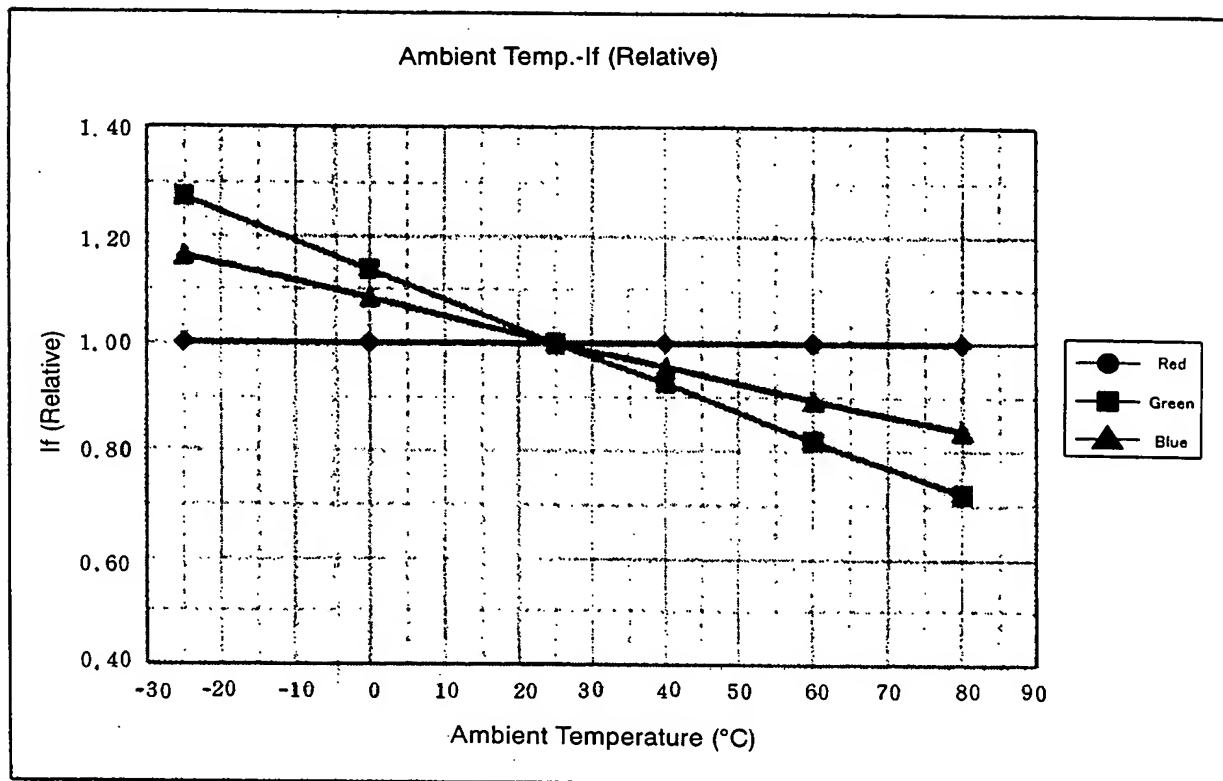


FIG. 31

RGB Backlight Ambient Temp.-White Bal. Property

White Balance: $x=0.3$, $y=0.4$

Red=10mA

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	2037.0	1.2025	0.3001	0.4001	10.00	14.19	3.88	1.0000	1.2328	1.1345
0	1838.0	1.0850	0.3000	0.4001	10.00	12.92	3.67	1.0000	1.1225	1.0731
25	1694.0	1.0000	0.2999	0.4000	10.00	11.51	3.42	1.0000	1.0000	1.0000
40	1583.0	0.9345	0.3000	0.4001	10.00	10.66	3.26	1.0000	0.9262	0.9532
60	1428.0	0.8430	0.2999	0.4001	10.00	9.56	3.06	1.0000	0.8306	0.8947
80	1243.0	0.7338	0.2999	0.4000	10.00	8.43	2.85	1.0000	0.7324	0.8333

Red=15mA

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	2745	1.2055	0.3000	0.3999	15.00	22.95	5.35	1.0000	1.2534	1.1383
0	2465	1.0826	0.2999	0.3999	15.00	20.63	5.04	1.0000	1.1267	1.0723
25	2277	1.0000	0.2999	0.4000	15.00	18.31	4.70	1.0000	1.0000	1.0000
40	2135	0.9376	0.3000	0.4001	15.00	16.86	4.48	1.0000	0.9208	0.9532
60	1942	0.8529	0.2999	0.4001	15.00	15.14	4.22	1.0000	0.8269	0.8979
80	1693	0.7435	0.2999	0.3999	15.00	13.22	3.93	1.0000	0.7220	0.8362

FIG. 32

RGB Backlight Ambient Temp.-If Property
White Balance : x=0. 3, y=0. 4

Red=10mA

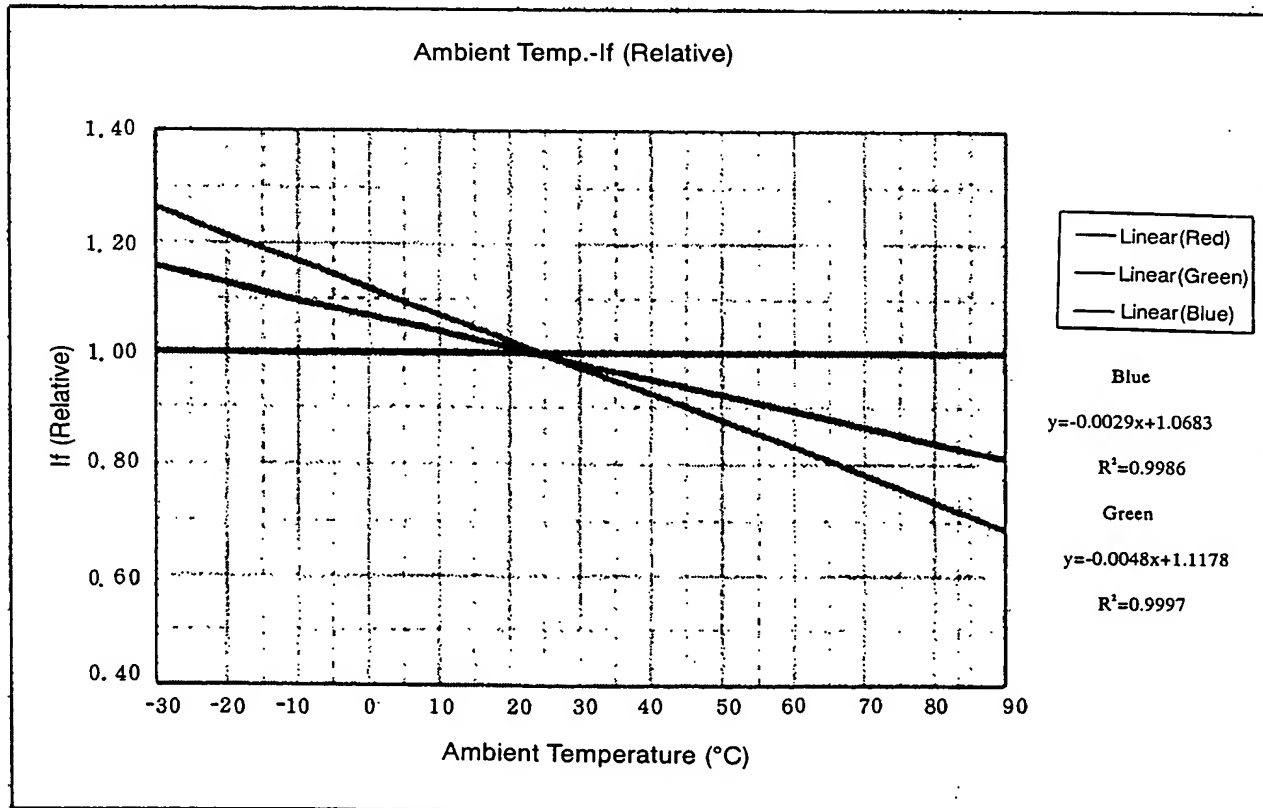
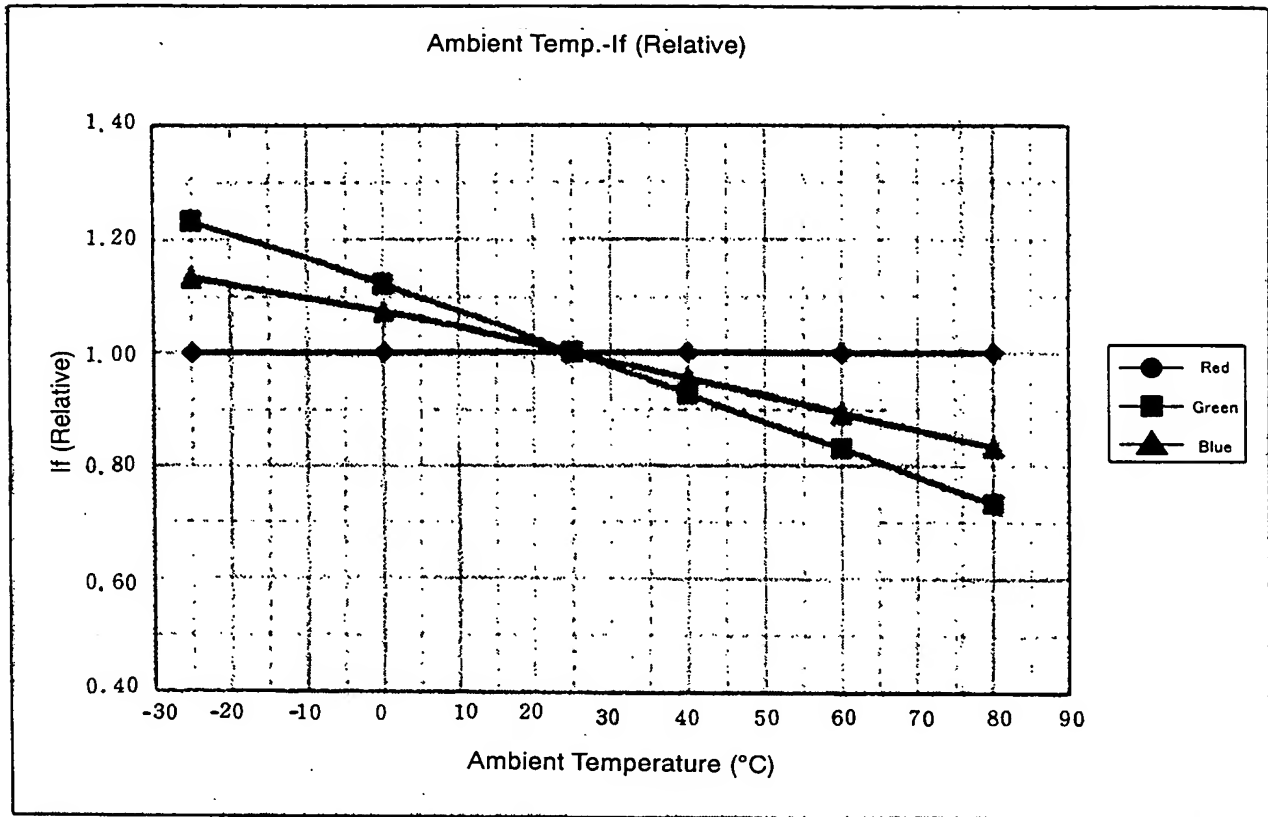


FIG. 33

RGB Backlight Ambient Temp.-If Property
White Balance : x=0. 3、y=0. 4

Red=15mA

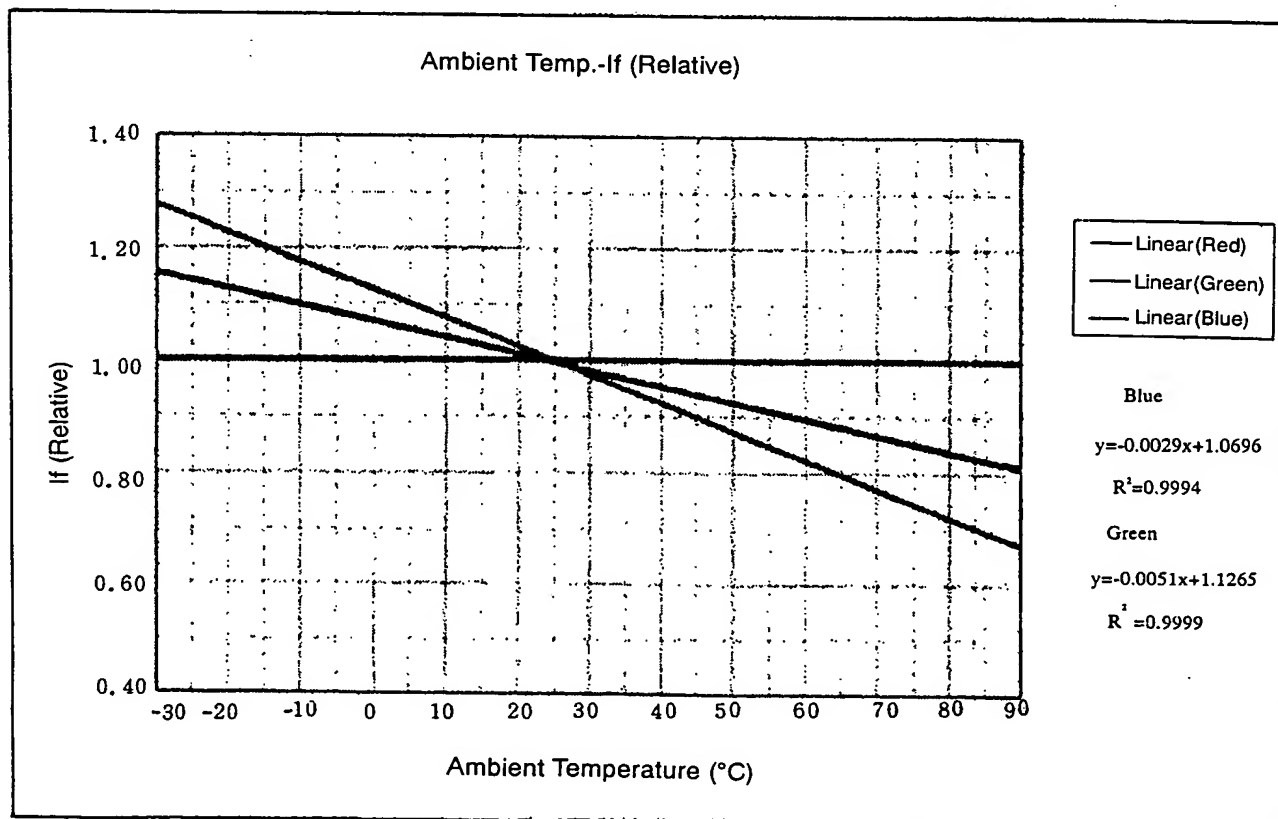
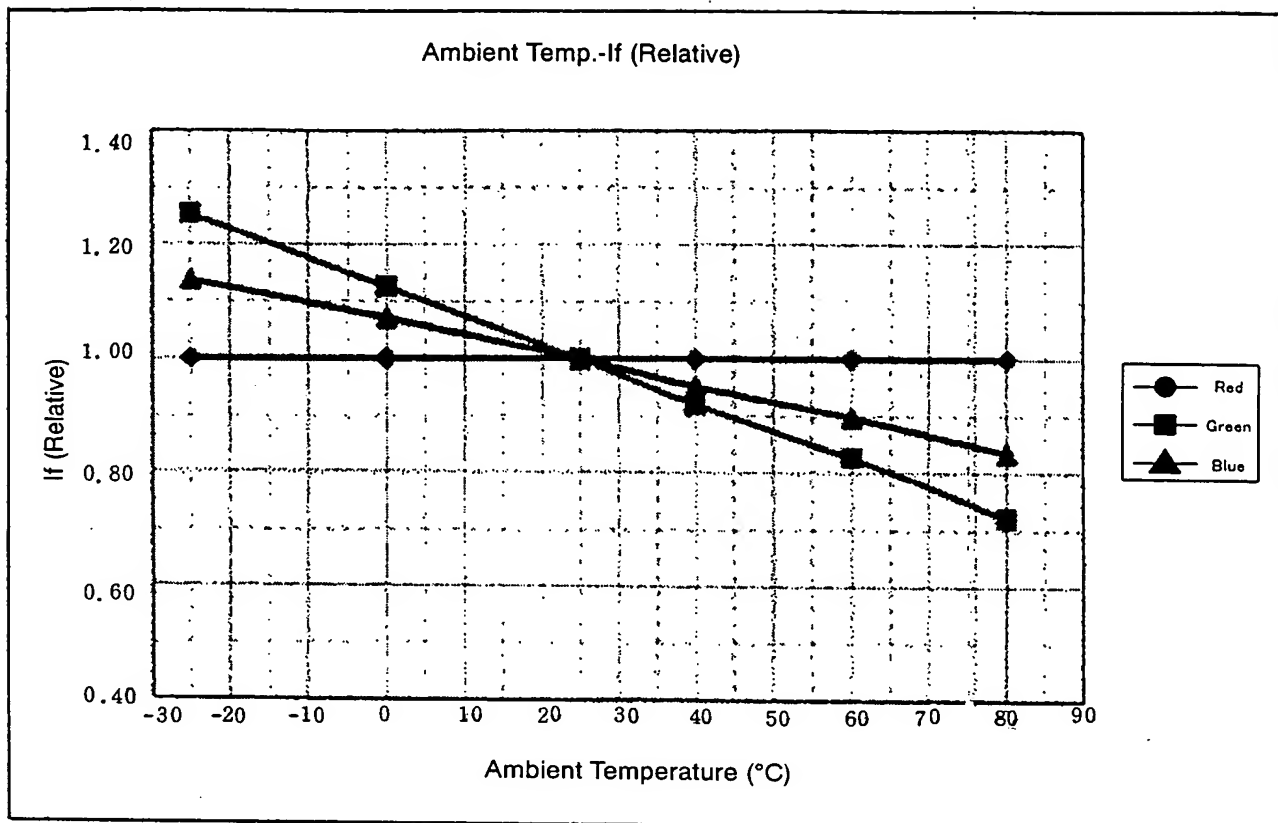


FIG.34

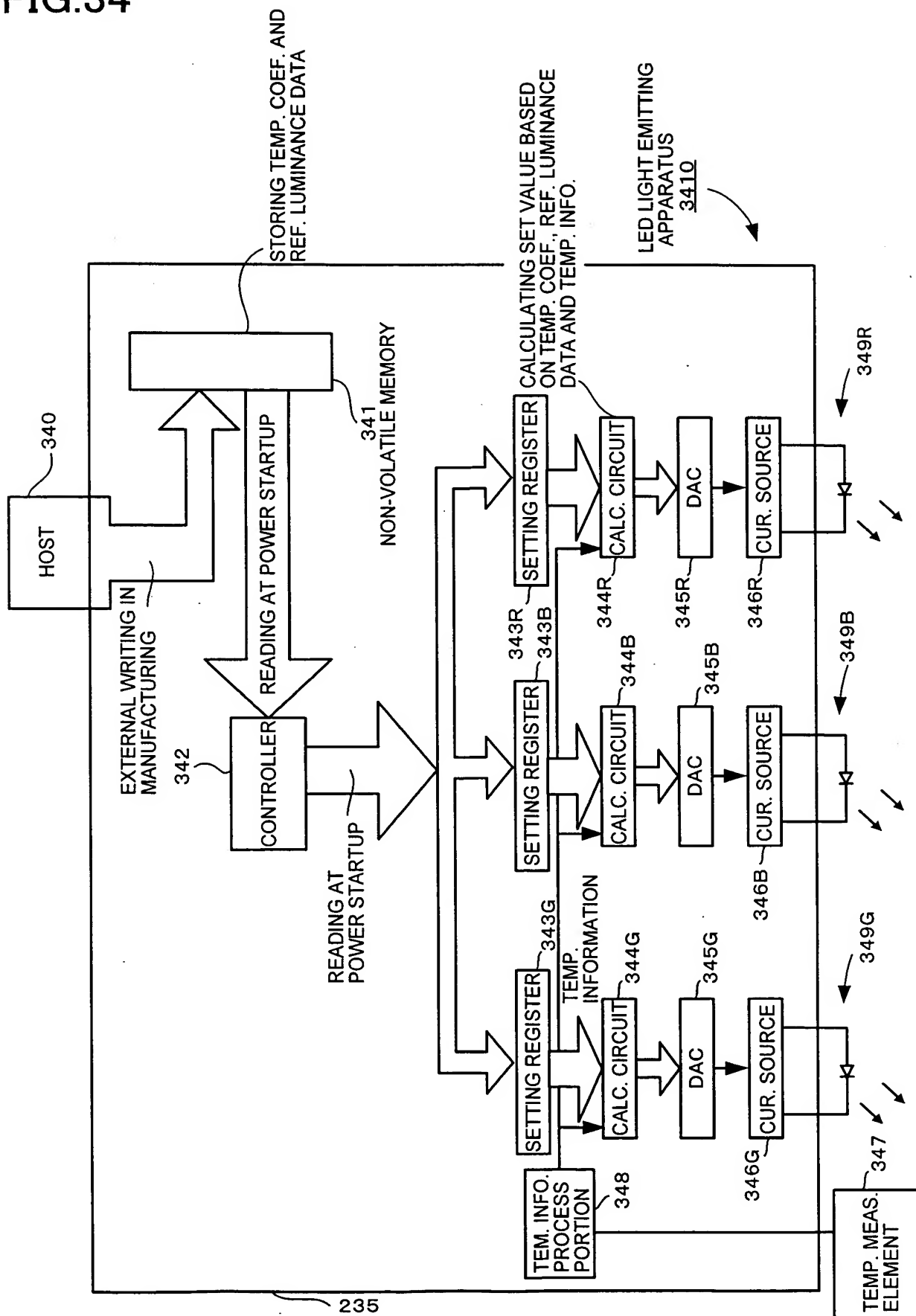


FIG. 35

RGB Backlight Ambient Temp.-White Bal. Property

White Balance: $x=0.31$, $y=0.31$, Constant Luminance

Red=5mA(at -25° C)~

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	814.9	1.00061	0.3102	0.3101	5.00	2.83	2.44	0.7634	0.9188	0.9173
0	814.8	1.00049	0.3098	0.3101	5.75	3.00	2.58	0.8779	0.9740	0.9699
25	814.4	1.00000	0.3100	0.3102	6.55	3.08	2.66	1.0000	1.0000	1.0000
40	815.3	1.00111	0.3103	0.3101	7.48	3.31	2.83	1.1420	1.0747	1.0639
60	814.7	1.00037	0.3100	0.3101	9.05	3.68	3.12	1.3817	1.1948	1.1729
80	814.5	1.00012	0.3100	0.3100	12.07	4.46	3.71	1.8427	1.4481	1.3947

Red=10mA(at -25° C)~

Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	1493	0.99933	0.3100	0.3100	10.00	6.39	4.67	0.7547	0.9116	0.9157
0	1493	0.99933	0.3100	0.3100	11.72	6.91	5.00	0.8845	0.9857	0.9804
25	1494	1.00000	0.3101	0.3100	13.25	7.01	5.10	1.0000	1.0000	1.0000
40	1493	0.99933	0.3100	0.3100	15.55	7.72	5.54	1.1736	1.1013	1.0863
60	1492	0.99866	0.3099	0.3100	19.13	8.47	6.06	1.4438	1.2083	1.1882
80	1492	0.99866	0.3100	0.3101	25.25	9.58	6.83	1.9057	1.3666	1.3392

Red=15mA(at -25° C)~

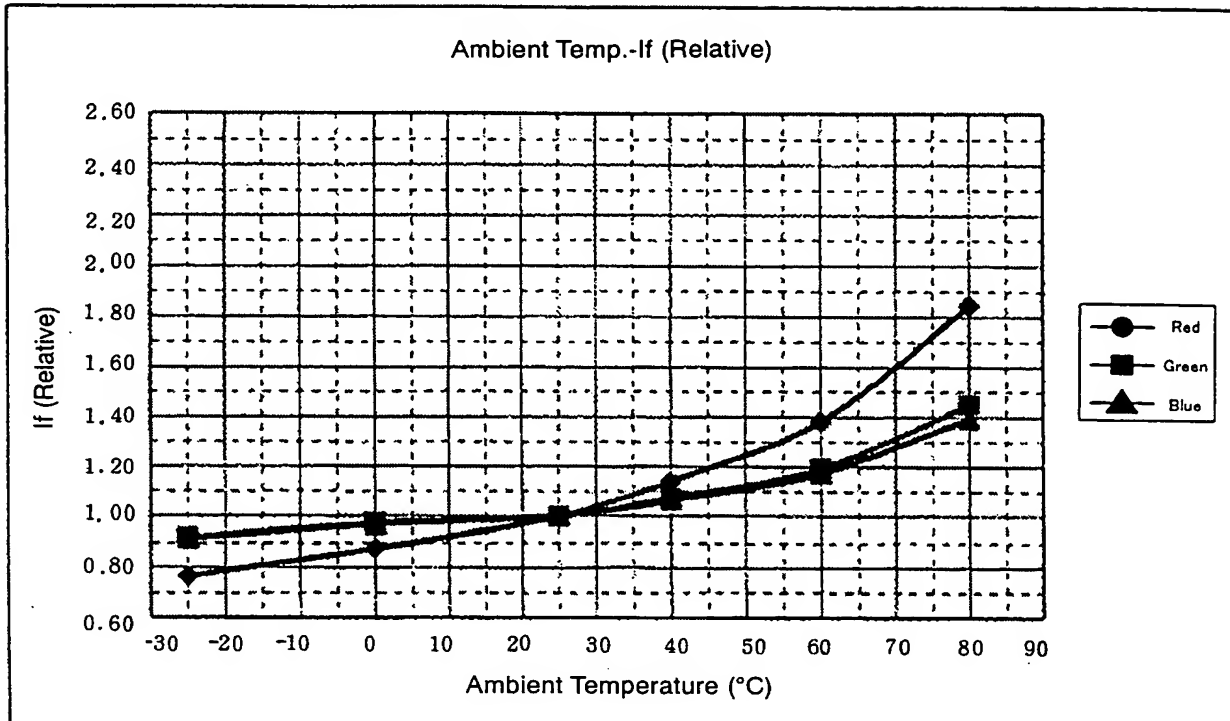
Ta(°C)	Luminance (cd/m ²)	Relative Luminance	x	y	If(mA)			If (Relative Value)		
					Red	Green	Blue	Red	Green	Blue
-25	2078	1.00048	0.3100	0.3099	15.00	10.43	6.76	0.7201	0.8669	0.8966
0	2078	1.00048	0.3100	0.3100	17.92	11.43	7.31	0.8603	0.9719	0.9695
25	2077	1.00000	0.3100	0.3101	20.83	11.76	7.54	1.0000	1.0000	1.0000
40	2077	1.00000	0.3100	0.3101	24.19	12.39	7.95	1.1613	1.0536	1.0544
60	2077	1.00000	0.3099	0.3101	31.53	13.61	8.73	1.5137	1.1573	1.1578
80	2072	0.99759	0.3100	0.3106	48.97	15.31	9.99	2.3509	1.3019	1.3249

FIG. 36

RGB Backlight Ambient Temp.-If Property

White Balance : $x=0.31$, $y=0.31$ Constant Luminance

Red=5mA (at -25°C)~



Approximation Curve (Cubic)

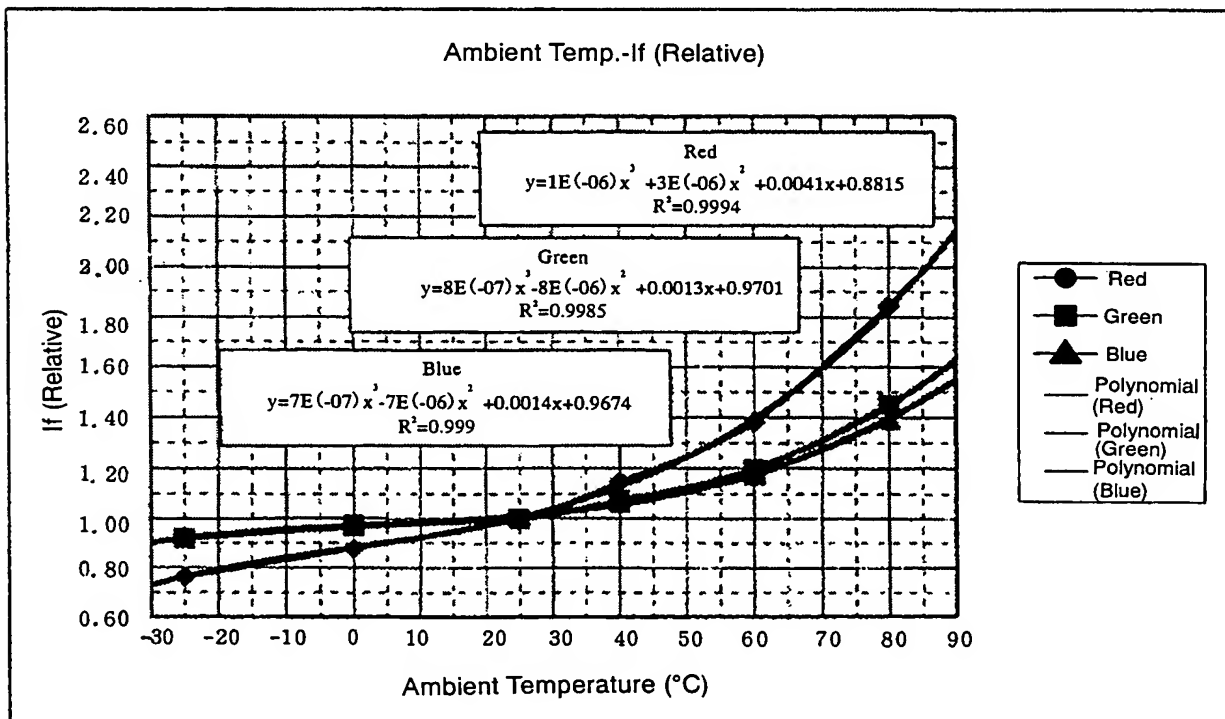
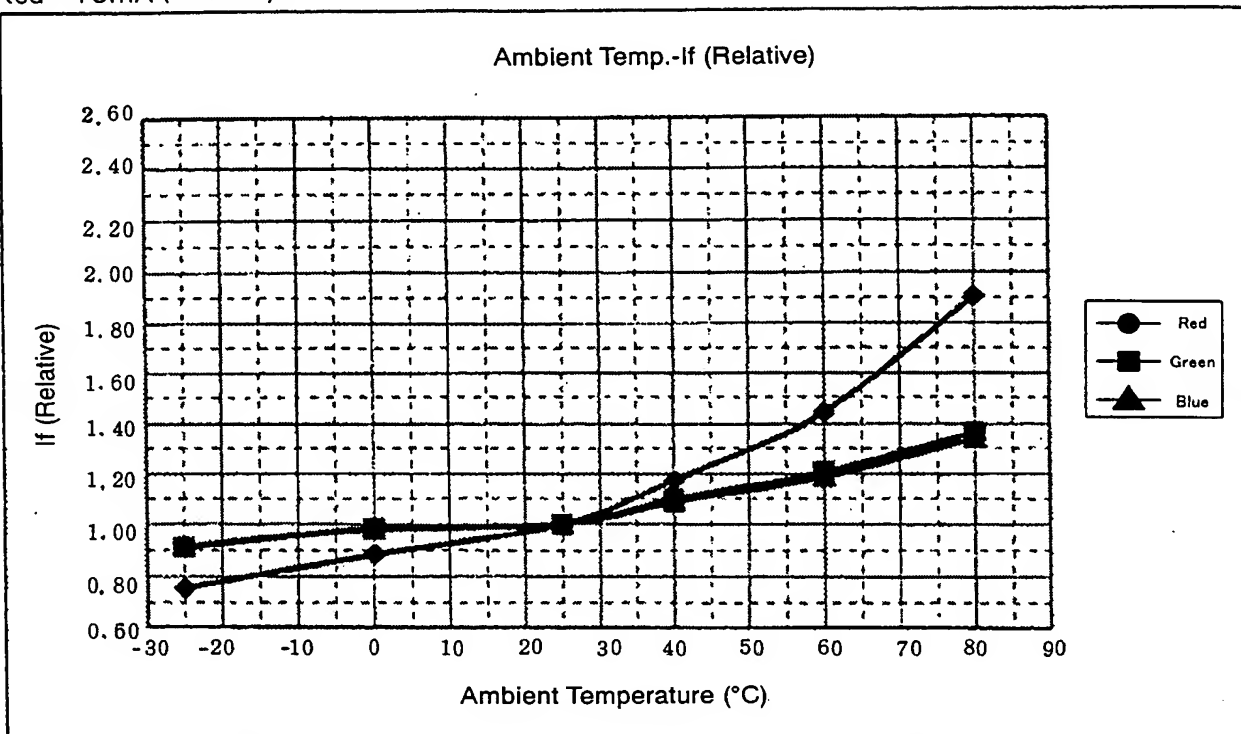


FIG. 37

RGB Backlight Ambient Temp.-If Property

White Balance : $x=0.31$, $y=0.31$ Constant Luminance

Red=10mA (at -25°C)~



Approximation Curve (Cubic)

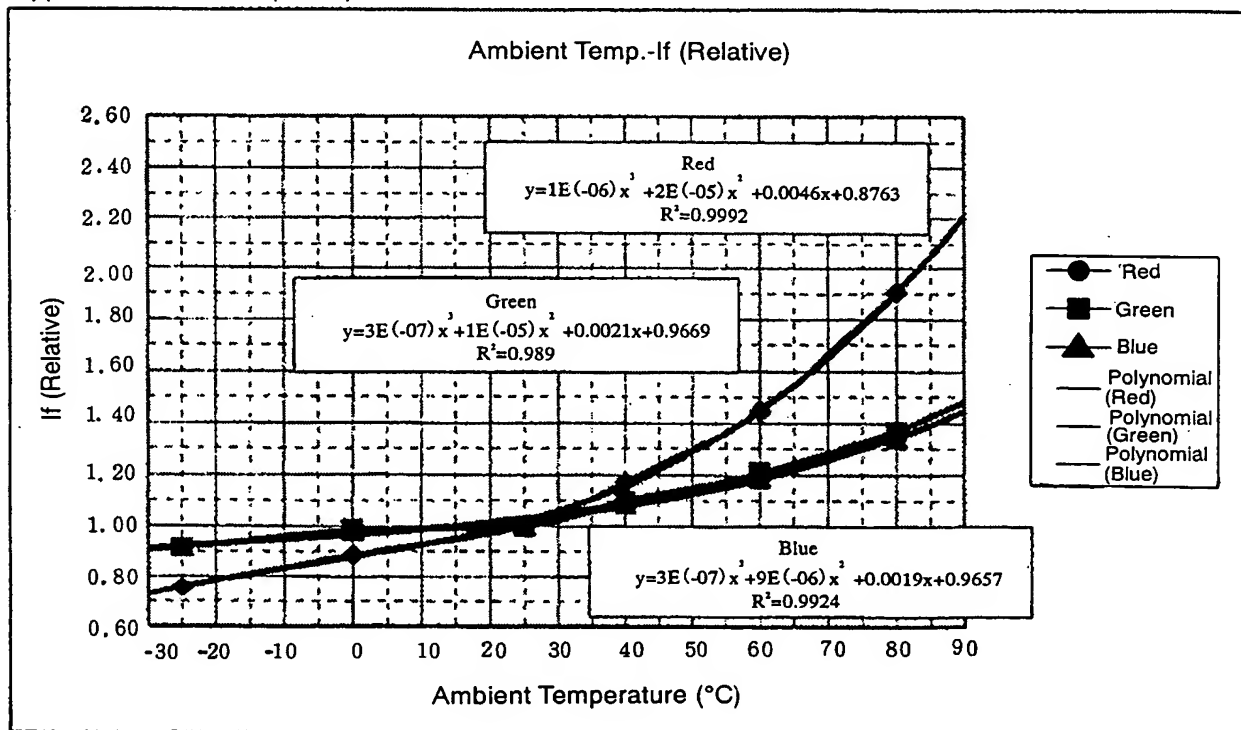
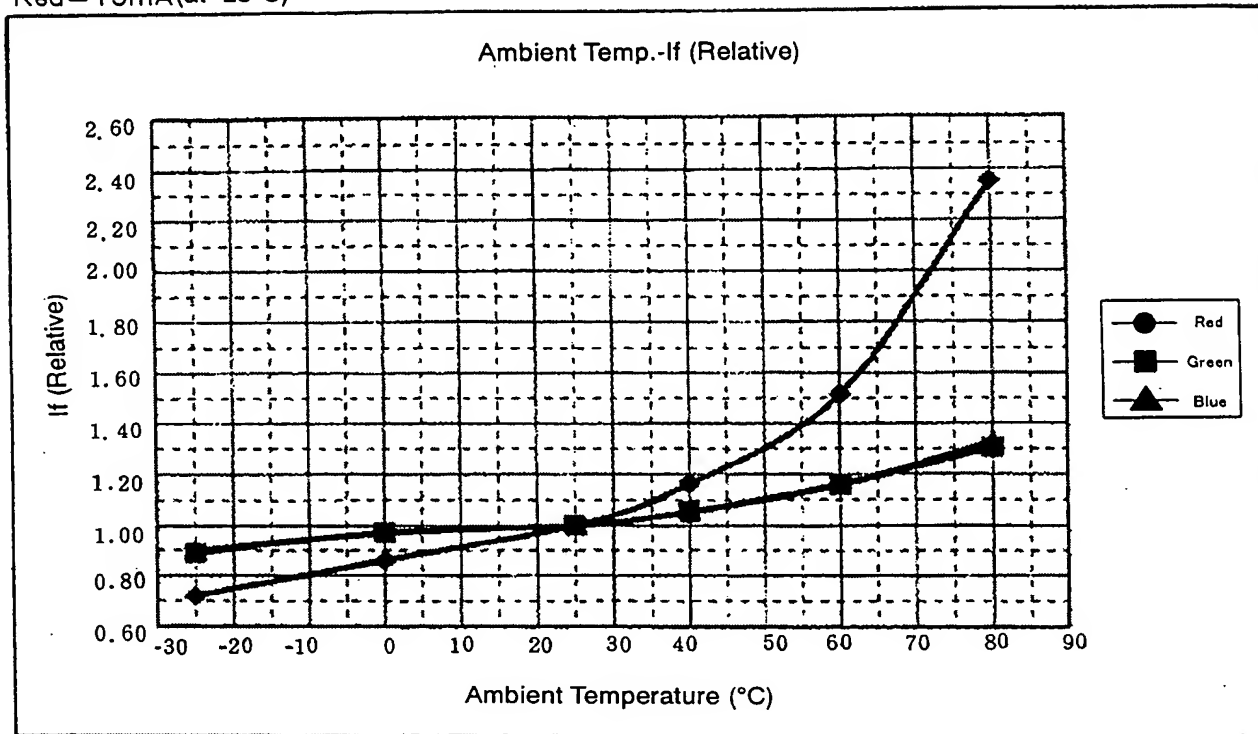


FIG. 38

RGB Backlight Ambient Temp.-If Property

White Balance: $x=0.31$, $y=0.31$ Constant Luminance

Red=15mA(at -25°C)~



Approximation Curve (Cubic)

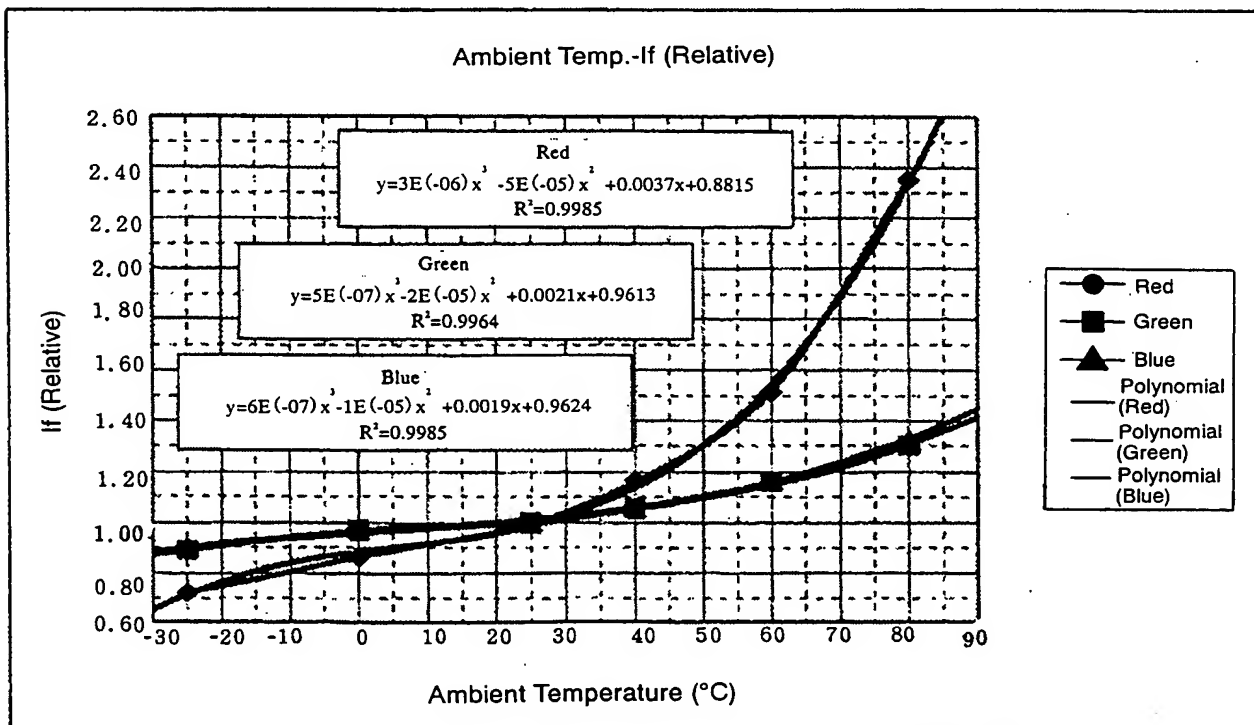


FIG.39

